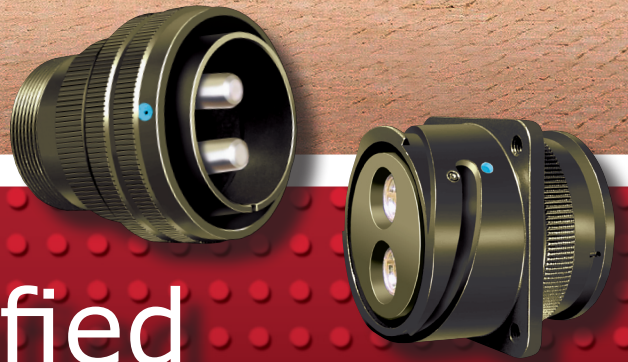


Glenair®



VG95234 Qualified Bayonet-Lock Connectors

*Crimp-Contact MIL-DTL-5015 Type Electrical Connectors
for Ruggedized Power and Signal Applications*

United States ■ United Kingdom ■ Germany ■ France ■ Nordic ■ Italy ■ Spain ■ Japan

High Voltage Electrical Power Distribution



From 0 to 60 in 3.9 Seconds

High voltage electrical power distribution is a critical component of the 100% electric Tesla Roadster.

The reliable distribution of electrical energy from the car's lithium-ion energy storage system to the vehicle's motor, electronic control module, HVAC system, transmission and regenerative braking unit depends on a high-performance wiring system made up of high-temperature

shielded conduit and ruggedized reverse-bayonet power connectors—all made by Glenair.

Glenair is on the forefront of innovative efforts to advance the reliability and performance of electric vehicles. Glenair power connectors, cables and conduit are deployed in high-voltage power management and distribution applications for systems as demanding as military vehicles—and as fast as the Tesla Roadster.



EU Sales: Glenair Connectors Italia, S.r.L. Tel: +39-02-91082121 Email: sales-italia@glenair.com
North American Sales: Glenair Connecticut, Tel: 203-741-1115 Email: sales@glenair.com
Factory Support: Commital S.p.a. (Italy) Tel: +39-51-7821811 Email: commital@commital.com

www.glenair.com

VG95234 Qualified Power and Signal Connectors, for Military Vehicles.

Harsh Application Environments

Glenair's VG 95234 Reverse Bayonet Power and Signal Connector is ideally suited for all inter-car, under-car, trainline and other rugged transportation applications. The connector family is also popularly applied to industrial and military applications such as ground vehicles and electric cars. Qualified to VG 95234, the reverse bayonet coupling provides easier and faster coupling, especially when the connector is situated in an awkward or hard to reach location. The connector's high resistance to vibration and shock provides reliable mating in even the most rigorous application environments. Environmental protection to IP67 levels provides additional reliability.

Rugged Materials

Glenair's VG 95234 connector series is fabricated in aluminum alloy with surface plating IAW QQP-416 Type II Class 3. Easy-to-terminate crimp contacts are made from silver plated copper alloy. The standard insert material is synthetic rubber which provides durable performance in temperature ranges from -55° to +125°C..

Intermateability

Glenair's VG 95234 Reverse Bayonet Power and Signal Connector is a reverse bayonet coupling version of the familiar threaded coupling MIL-DTL-5015. Insert arrangements mimic the 5015 family of configurations, including a modicum of supported contact sizes, connector types and arrangements. Glenair's VG 95234 Connector is interchangeable and intermateable with the wide range of industry-standard reverse bayonet connectors designed around MIL-DTL-5015 and/or qualified to VG 95234.

- **Fast, Easy Bayonet Coupling: 1/4 Turn**
- **Environmental and Non-Environmental Versions**
- **All Shell Styles: Plug, Square Flange, Jam-Nut, etc.**
- **High Shock and Vibration Resistance**
- **Contact Sizes from #16 to #0 in more than 63 Insert Arrangements**
- **Audible and Visual Coupling Indicators**
- **Keyed Polarization**
- **Crimp Contacts**
- **Intermateable with Glenair ITS Series**



VG95234

Glenair's qualified VG95234 reverse bayonet-lock connector series is based on the MIL-DTL-5015 standard, and shares many of the same insert arrangements, shell dimensions, supported contacts and electrical performance ratings as MIL-DTL-5015 and Glenair's commercial equivalent product line, the Series ITS. The VG95234 3-point bayonet coupling mechanism provides easy mating and positive locking resistance to vibration, shock, and other connector decoupling forces in general duty and environmental interconnect systems such as railway cars, locomotives, industrial controls, factory robotics, military vehicles and other general electronic applications.

Component Materials

VG95234 connectors are available in aluminum alloy and are supplied standard with an olive green cadmium finish IAW QQ-P-416. Supplied crimp contacts are silver plated copper alloy. Insulators are high insulation synthetic rubber: -55°C to +125°C.

EMI and Environmental Applications

VG95234 Series connectors are perfectly suited for use in rugged applications where EEC compliance directives for electromagnetic compatibility is required. A complete range of EMI shield termination accessories are available for both overall as well as individual wire shields.

Equipped with the appropriate backshells and environmental sealing, the connectors are submersible for 48 hours up to a depth of two meters coupled.



Connector Accessories

Many of the VG95234 connectors come already paired with selected backshell accessories for most application requirements. See the accessory descriptions on the opposite page for more information. A full range of additional connector accessories including dust caps and EMI gaskets are also available.

Please contact the factory for additional information or any of our worldwide sales and engineering facilities. Glenair's website, www.glenair.com also has complete information on these products, as well as other ruggedized power and signal connectors.

VG95234
Bayonet-Lock Assemblies
Available Components



VG95234 offers a simplified ordering and part number format that combines the five standard connector shell styles with the most popular backshells and connector accessories. Available connector shell styles, backshell types and accessories include:

VG95234 Connector Shell Styles

- *Front Panel Mount Square Flange Receptacle with Accessory Threads*
- *Rear Box Mount Square Flange Receptacle with No Accessory Threads*
- *Rear Box Mount Square Flange Through Bulkhead Receptacle*
- *Straight and 90° Plug Connector with Accessory Threads*
- *In-Line Receptacle*

VG95234 Integrated Backshell Types

Type D, E, F, J1 and J2: Basic backshell with cable clamp, bushing and wire sealing grommet.

Types E1, K, H, and L: Backshell for the termination of flexible wire protection conduit. Includes wire sealing grommet.

Types G, T, U1 and U2 Simple Heat-Shrink Boot termination backshell. Includes wire sealing grommet.

Types M, N1, N2, R1, S1 and S2 EMI/RFI shield termination backshell with external lip for the attachment of for heat shrink boots. Includes wire sealing grommet.

VG95234 Accessories

- *Plug and receptacle protective covers with various lanyard styles for panel attachment*
- *Plug and receptacle covers with various lanyard styles for cable attachment*
- *Conductive and non-conductive gaskets for panel mount connectors*
- *Dummy stowage receptacles*
- *Cable clamps and Neoprene bushing*



VG95234 Bayonet-Lock General Duty Crimp Contact Connector Cross Reference

The Glenair VG95234 reverse bayonet-lock connector series features a 3 point bayonet coupling mating interface with stainless steel coupling pins for advanced durability. Resilient closed entry inserts provide outstanding dielectric performance and environmental protection. Individual wire sealing grommets elevate the environmental protection rating to IP67. Conductive metal shells and plating provide a reliable ground plane for EMI applications when connectors are combined with appropriate shield termination backshells. Ground springs are also available in selected plug versions to further enhance EMC. Shells are keyed with three total alternate key positions. VG95234 consists of:

- 15 styles of connectors/accessory assemblies
- 10 shell sizes
- 6 contact Sizes: #16, #12, #8, #4 and #0 in standard AWG. #10, #15, #25, #100-60, #160, and #500 in metric.
- 63 insert Arrangements with 1 to 61 contacts
- Standard contacts: Crimp
- 5 Available alternate insert rotations

The Glenair Series ITS connector family is the company's commercial equivalent for the VG qualified products presented in this catalog. Series ITS offers a much broader range of connector and backshell assemblies as well as additional plating options, fire-resistant inserts, optional solder-cup contacts and other variations. Customers are advised to select VG95234 versions of this reverse-bayonet connector series when qualification to VG95234 is a requirement. For non-VG applications, customers will appreciate the broader range of options available in the Series ITS.

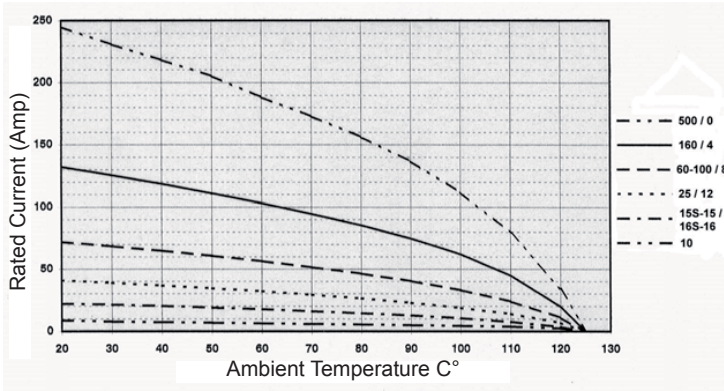
Accessory Cross Reference	
VG95234 Accessories	Glenair Series ITS
VG95234 KB	ITB 06T
VG95234 KR	ITB 02T
VG95234 B 0D	ITS 05
VG95234 KK	IT 3057
VG95234 KT	IT 3420
VG95234 DA-1	IT 40450
VG95234 DA-2	IT 40450 S
VG95234 DH-1	IT 40460
VG95234 DH-2	IT 40460 S

Connector Cross Reference	
VG95234 Connectors	Glenair Series ITS
VG95234 A	ITB 4102 A
VG95234 B1	ITB 4103 A
VG95234 B2	ITB 4103 AFP
VG95234 C1	ITB 4102 PP
VG95234 C2	ITS 4102 PFPF
VG95234 D	ITS 4106 FV
VG95234 E	ITS 4108 F
VG95234 E1	ITS 4108 R
VG95234 K	ITS G 4108 R
VG95234 F	ITB 4101 FV
VG95234 G	ITS 4106 GR
VG95234 T	ITS G 4106 GR
VG95234 H	ITS 4106 R
VG95234 L	ITS G 4106 R
VG95234 J1	ITB 41030 FV
VG95234 J2	ITB 41030 FP FV
VG95234 M	ITS G 4106 SP
VG95234 N1	ITB 41030 SP
VG95234 N2	ITB 41030 SPFP
VG95234 R1	N.A.
VG95234 S1	N.A.
VG95234 S2	N.A.
VG95234 U1	ITB 41030 GR
VG95234 U2	ITB 41030 GR FP

VG95234
Bayonet-Lock Crimp Contact Connector
Technical Data



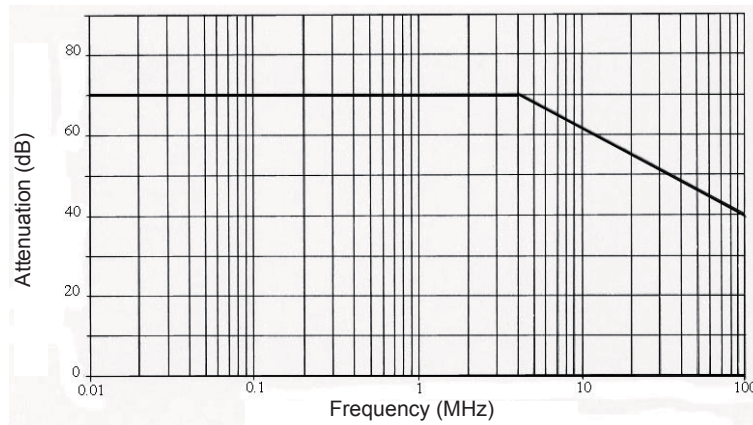
Contact Information					
Metric	AWG	Rated Current at 20°C	Max. Contact Resistance	MM ²	Wire Size AWG
10		7.5A	12.0MΩ	0.75 - 1	
15S - 15	16S - 16	22.0A	6.0MΩ	1 - 1.5	16
25A - 25	12	41.0A	3.0MΩ	2.5	12
60		73.0A	1.0MΩ	6	
100				10	
	8				8
160		135.0A	0.5MΩ	16	
	4				4
500		245.0A	0.2MΩ	50	
	0				0



Service Rating		
Class	Minimum Contact Spacing	Test Voltage Vac RMS
1	0.7 mm	1050 V
2	1.1 mm	1600 V
3	2.8 mm	2500 V
4	4.8 mm	3000 V

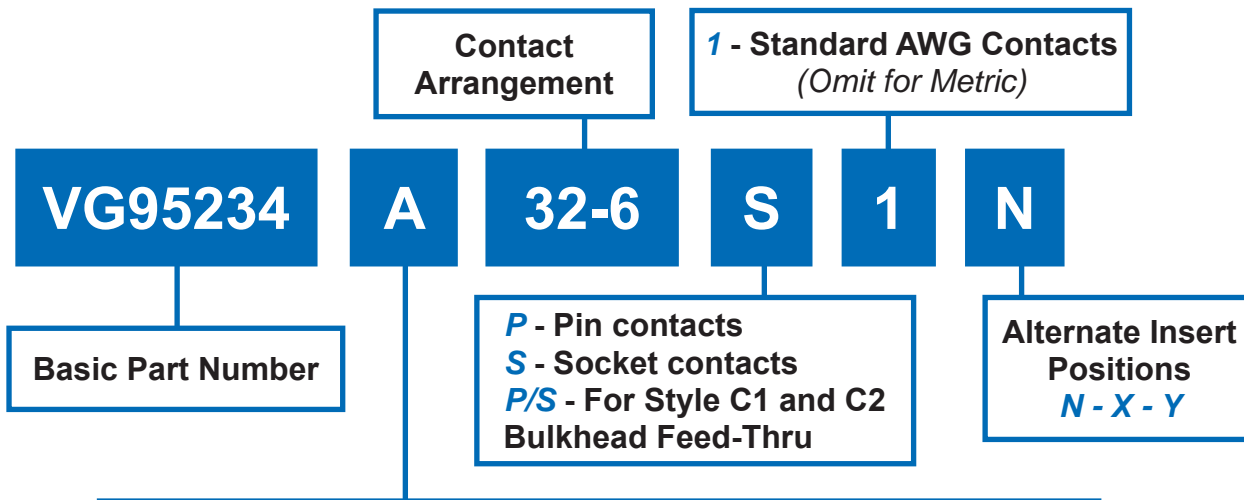
Insulation Resistance:
 $\geq 5 \times 10^3 \text{ M}\Omega$

Shield Attenuation For Connector Styles K, L, M, R1 and T





**VG95234 Bayonet-Lock
General Duty Crimp Contact (MIL-C-5015 Type)
Master How to Order**

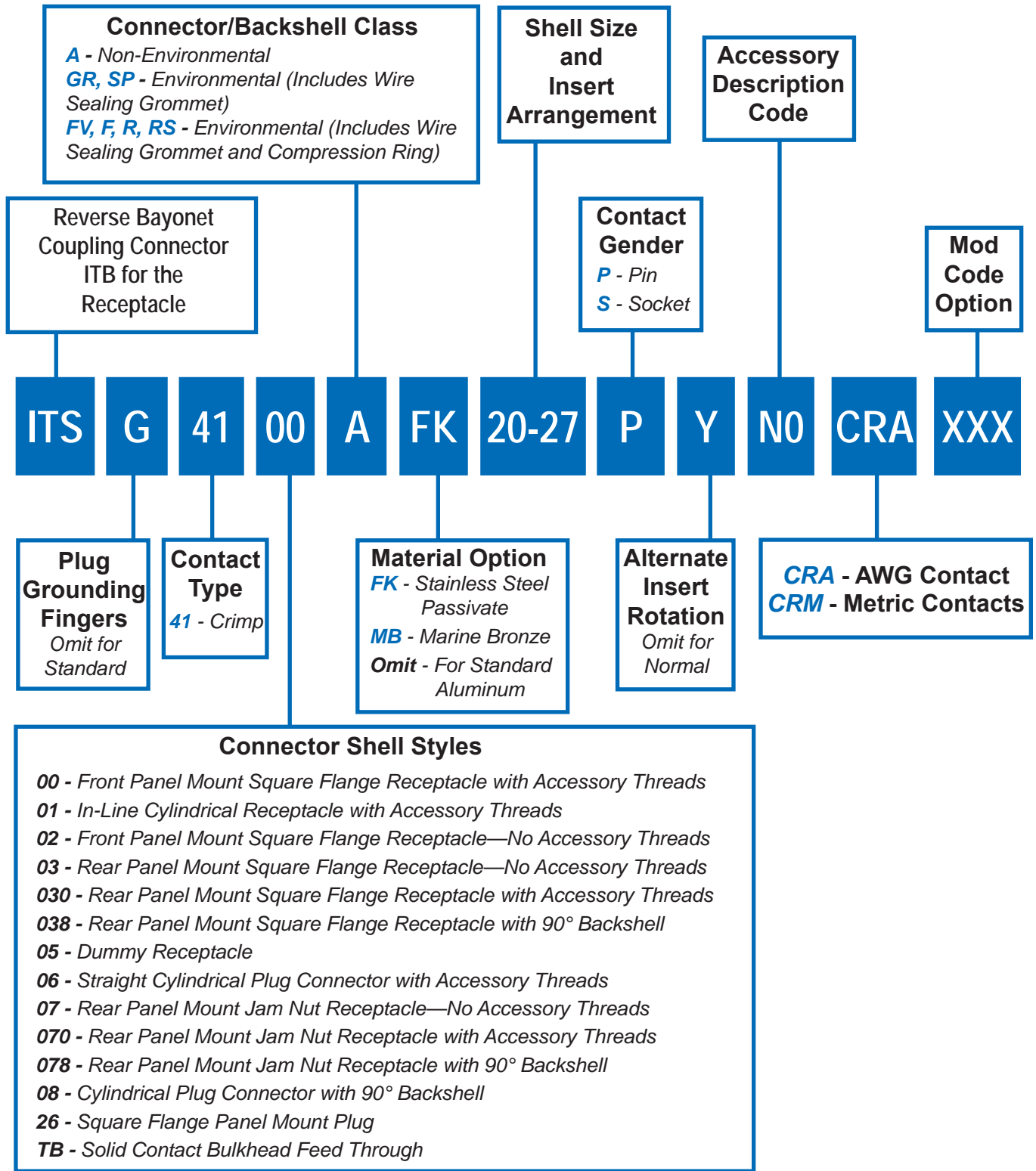


- Connector Style**
- A - Front Panel Mount Square Flange Receptacle—No Accessory Threads*
 - B1 - Rear Panel Mount Square Flange Receptacle—Threaded Holes*
 - B2 - Rear Panel Mount Square Flange Receptacle—Thru Holes*
 - C1 - Bulkhead Feed-Thru Receptacle with Threaded Holes*
 - C2 - Bulkhead Feed-Thru Receptacle with Thru Holes*
 - D - Straight Plug with Cable Clamp and Bushing*
 - E - 90° Plug with Cable Clamp and Bushing*
 - E1 - 90° Plug without Clamp and Bushing*
 - K - 90° Plug with Grounding Fingers without Cable Clamp and Bushing*
 - F - In-Line Receptacle with Cable Clamp and Bushing*
 - G - Straight Plug with Shrink Boot Adapter*
 - T - Straight Plug with Shrink Boot Adapter and Grounding Fingers*
 - H - Straight Plug without Cable Clamp and Bushing*
 - L - Straight Plug with Grounding Fingers without Cable Clamp and Bushing*
 - J1 - Wall Mount Receptacle with Cable Clamp, Bushing and Threaded Holes*
 - J2 - Wall Mount Receptacle with Cable Clamp, Bushing and Thru Holes*
 - M - Straight Plug with EMI Shrink boot Backshell and Grounding Fingers*
 - N1 - Wall Mount Receptacle with EMI Shrink boot Backshell & Threaded Holes*
 - N2 - Wall Mount Receptacle with EMI Shrink boot Backshell & Thru Holes*
 - R1 - Straight Plug for use with VG95218 Wires—EMI/Shrink boot Backshell*
 - S1 - Wall Mount Connector for VG95218 Wires—EMI/Boot Backshell; Threaded*
 - S2 - Wall Mount Connector for VG95218 Wires—EMI/Boot Backshell; Thru Holes*
 - U1 - Wall Mount Connector—Shrink boot Backshell; Threaded Holes*
 - U2 - Wall Mount Connector—Shrink boot Backshell; Thru Holes*

Glenair Series ITS Commercial Equivalent Product Line














Introduction
VG95234
Connectors





VG95234 Pin Contact Arrangements

PIN CONTACTS												
Contact Arrangements	Service Rating	Contact Size										
		Metric Type					AWG Type					
		500	160	100-60	25-25A	15S-15	10	0	4	8	12	16S-16
												
• 10SL - 3	2						3					
• 10SL - 4	2						2					
12SA - 10	1						4					
14S - 2	1						4					
14S - 5	1						5					
• 14S - 6	1						6					
14S - 7	2						3					
• 16S - 1	2						7					
16S - 4*	3						2					
16 - 7*	2			1			2			1		2
16 - 9	2				2		2					
• 16 - 10	2				3							
• 16 - A11	2				2							
• 16 - 12	2		1									
• 18 - 1	1					10						
18 - 3	3				2							
18 - 6	3		1						1	3		
18 - 9*	1				2	5						
18 - 11	2				5							
18 - 13*	2			1	3							
18 - 21	2				3							
• 20 - 2	3	1										
20 - 3	3				3							
• 20 - 8	1			2		4						
20 - 16	2				2	7						
20 - 18	2				3	6						
20 - 22	2			3		3			3		3	
20 - 23	2			2						2		
20 - 27	2					14						
20 - 29	2					17						
• 20 - A9	1				9							
• 20 - A48	1					19						
• 22 - 2	3									3		
22 - 12	3			2		3						
• 22 - 14	2					19						
22 - 15	2				5	1						
22 - 19	2				14							
• 22 - 22	2			4								
22 - 23	2				8						3	
22 - 28	2				7							
• 22 - B22	2			4								
• 22 - 27	2			1		8						
24 - 9	2								2			
• 24 - 10	2			7								
• 24 - 11	2			3	6					3	6	

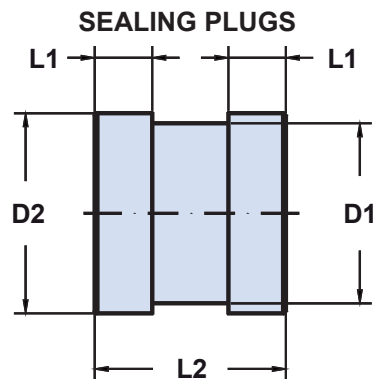
* Consult factory
• VG Qualified

VG95234 Contact Arrangements and Sealing Plugs



		PIN CONTACTS																			
Contact Arrangements	Service Rating	Contact Size																			
		Metric Type					AWG Type														
		500	160	100-60	25-25A	15S-15	10	0	4	8	12	16S-16									
• 24 - 12	2																				
24 - 30	3				2	9						2								3	
24 - 22	3			4										4							
24 - 28	1					24															
28 - 09	2		2			5							4								5
• 28 - 11	2				4	18															
28 - 12	2					26															
• 28 - 20	2				10	4															
• 28 - 21	2					37															
• 28 - 22	3		3			3							3								3
• 28 - A63	1				9	19															
• 32 - 1	3	2			3						2									3	
• 32 - 3	3										1									2	4
• 32 - 5	3	2									2										
• 32 - 6	2		2	3	2	16						2	3							2	16
• 32 - 7	1				7	28															
32 - 17	3		4										4								
• 32 - A55	2					55															
32 - A69	1					20	41														
• 36 - 3	3	3			3						3									3	
• 36 - 5	2	4									4										
• 36 - 6	2										2	4									
• 36 - 10	2																				48

* Consult factory
• VG Qualified



SEALING PLUG DIMENSIONS							
Part Number	Contact Size		D1 ±0.1	D2 ±0.2	L1 ±0.1	L2 ±0.3	Color
	Metric	AWG					
VG95234 B20	10		2.3	3.0	2.4	9.7	Red
VG95234 B16	15S - 15		2.8	3.7	3.2	11.9	Blue
VG95234 B12	25A - 25		3.7	4.6	3.2	11.9	Yellow
VG95234 B8	60 - 100	8	5.0	5.8	3.2	11.9	White
VG95234 B4	160	4	7.6	8.5	3.2	11.9	Green
VG95234 B0	500	0	12.8	13.5	3.2	11.9	Black

1 CONTACT

ARRANGEMENT :				
CONTACT SIZE :	Metric	16-12	20-2	18-6
	AWG	160	500	160
SERVICE RATING :		2	3	3

2 CONTACTS

ARRANGEMENT :						
CONTACT SIZE :	Metric	10SL-4	16S-4	16-A11	24-9	18-3
	AWG	15S	15S	pin 25A / socket 25		25
SERVICE RATING :		2	3	2	4	3
					2	

2 CONTACTS

ARRANGEMENT :			
CONTACT SIZE :	Metric	32-5	20-23
	AWG	500	60
SERVICE RATING :		0	8
		3	2

3 CONTACTS

ARRANGEMENT :						
CONTACT SIZE :	Metric	10SL-3	14S-7	16-10	22-2	20-3
	AWG	15S	15S 1 / 100	25		25
SERVICE RATING :		2	0	2	8	3
			2		3	

3 CONTACTS

ARRANGEMENT :			
CONTACT SIZE :	Metric	16-7	18-21
	AWG	1/100 ; 2/15	25
SERVICE RATING :		1/8 ; 2/16	
		2	2

Contact Size										
Metric Type						AWG Type				
500	160	100-60	25-25A	15S-15	10	0	4	8	12	16S-16

VG95234

Contact Arrangements

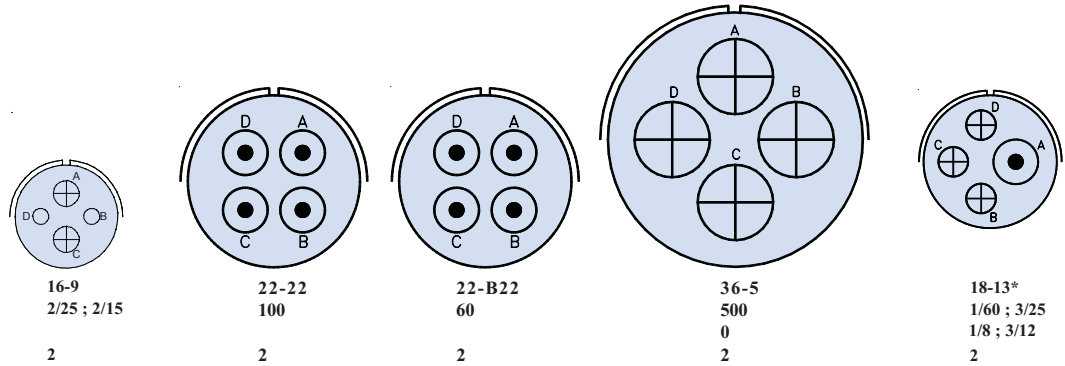
Front View of Pin Insert



4 CONTACTS

ARRANGEMENT :
CONTACT SIZE :

Metric
AWG

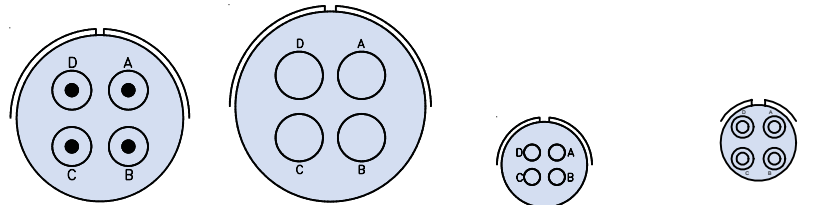


SERVICE RATING :

4 CONTACTS

ARRANGEMENT :
CONTACT SIZE :

Metric
AWG

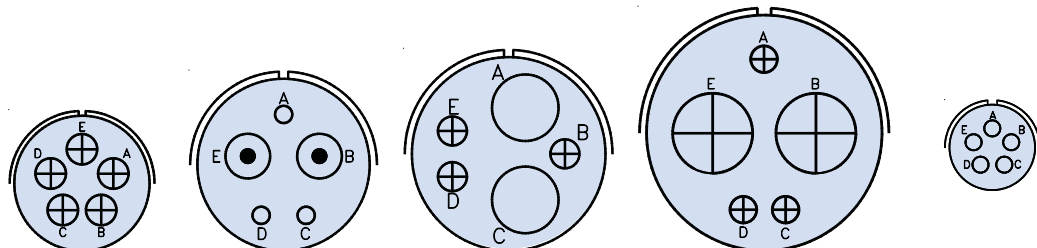


SERVICE RATING :

5 CONTACTS

ARRANGEMENT :
CONTACT SIZE :

Metric
AWG



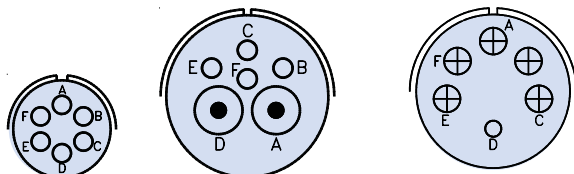
SERVICE RATING :

Contact Size										
Metric Type						AWG Type				
500	160	100-60	25-25A	15S-15	10	0	4	8	12	16S-16

VG95234 Contact Arrangements Front View of Pin Insert

6 CONTACTS

ARRANGEMENT :



14S-6

20-8

22-15*
5/25 ; 1/15

SERVICE RATING : AWG

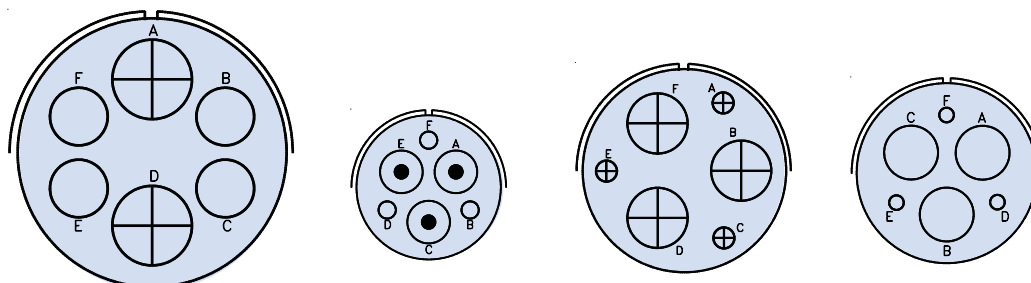
1

1

D=4 ; Balance=2

6 CONTACTS

ARRANGEMENT :



36-6

20-22
3/60 ; 3/15

36-3
3/500 ; 3/25
3/0 ; 3/12

28-22
3/160 ; 3/15
3/4 ; 3/16

CONTACT SIZE : Metric
AWG

4 / 4 , 2 / 0

2

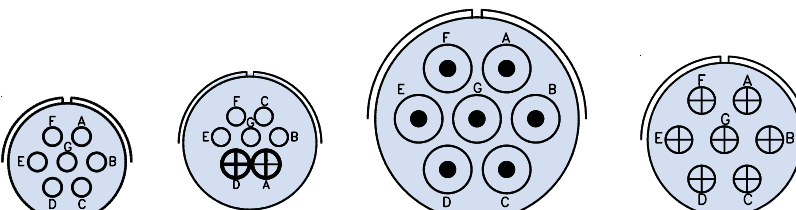
3

3

SERVICE RATING :

7 CONTACTS

ARRANGEMENT :



16S-1

18-9
2/25 ; 5/15

24-10
100

22-28
25

CONTACT SIZE : Metric
AWG

15S

1

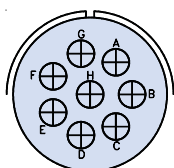
2

2

SERVICE RATING :

8 CONTACTS

ARRANGEMENT :



22-23

CONTACT SIZE : Metric
AWG

25

SERVICE RATING :

H=4 ; Balance=2

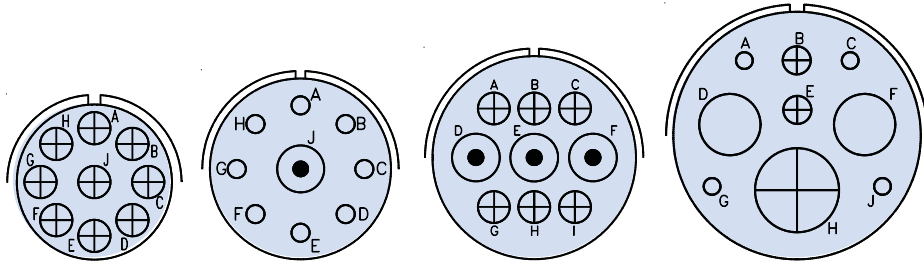
Contact Size										
Metric Type					AWG Type					
500	160	100-60	25-25A	15S-15	10	0	4	8	12	16S-16

VG95234 Contact Arrangements Front View of Pin Insert



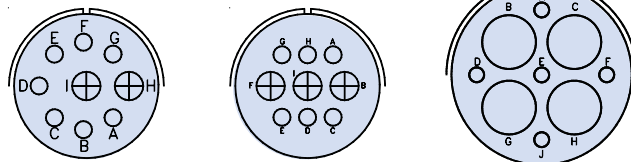
9 CONTACTS

ARRANGEMENT :	20-A9	22-27	24-11	32-3
CONTACT SIZE :	Metric 25	8 / 15, 1 / 60	6 / 25, 3 / 100 6 / 12, 3 / 8	4 / 16, 2 / 12, 2 / 4, 1 / 0
SERVICE RATING :	J=3 ; Balance=1	J=3 ; Balance=2	2	3



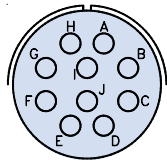
9 CONTACTS

ARRANGEMENT :	20-16	20-18	28-09
CONTACT SIZE :	Metric 2/25 ; 7/15	3/25 ; 6/15	4/160 ; 5/15 4/4 ; 5/16
SERVICE RATING :	2	2	2



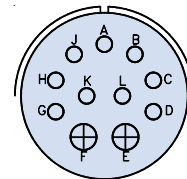
10 CONTACTS

ARRANGEMENT :	18-1
CONTACT SIZE :	Metric 15
SERVICE RATING :	A, D, E, H, I, J = 1 ; B, C, F, G = 2



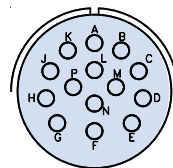
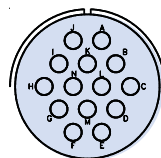
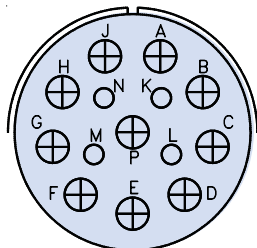
11 CONTACTS

ARRANGEMENT :	24-20
CONTACT SIZE :	Metric 2/25 ; 9/15
SERVICE RATING :	3



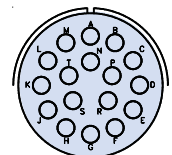
14 CONTACTS

ARRANGEMENT :	28-20
CONTACT SIZE :	Metric 4 / 15, 10 / 25
SERVICE RATING :	2



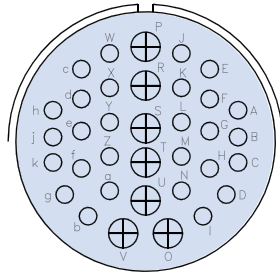
17 CONTACTS

ARRANGEMENT :	20-29
CONTACT SIZE :	Metric 15
SERVICE RATING :	2



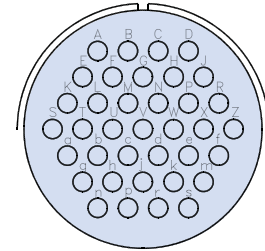
Contact Size										
Metric Type					AWG Type					
500	160	100-60	25-25A	15S-15	10	0	4	8	12	16S-16

VG95234 Contact Arrangements Front View of Pin Insert



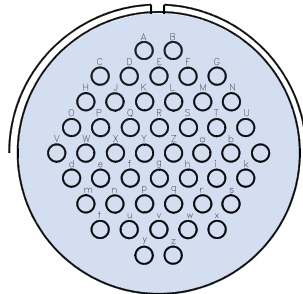
35 CONTACTS

ARRANGEMENT : 32-7
 CONTACT SIZE : Metric 28 / 15 , 7 / 25
 AWG
 SERVICE RATING : A, B, H, J=1 ; Balance=2



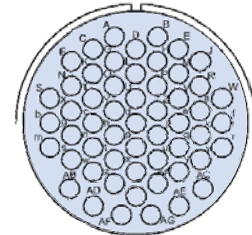
37 CONTACTS

28-21
 15
 2



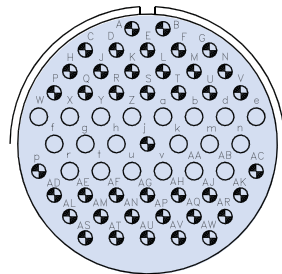
48 CONTACTS

ARRANGEMENT : 36-10
 CONTACT SIZE : Metric 15
 AWG
 SERVICE RATING : 2



55 CONTACTS

ARRANGEMENT : 32-A55
 CONTACT SIZE : Metric 15
 AWG
 SERVICE RATING : 2



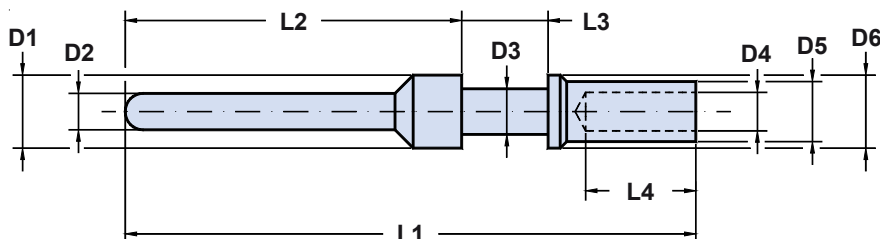
61 CONTACTS

32-A69 °
 41 / 10 , 20 / 15
 1

° Not for connectors style C1 and C2

Contact Size										
Metric Type					AWG Type					
500	160	100-60	25-25A	15S-15	10	0	4	8	12	16S-16

Pin Contact

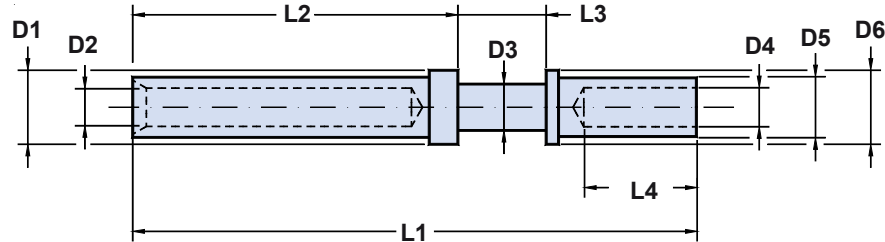


PIN CONTACTS														
VG Part Number	Part Number	Color Code	Contact Size		D1	D2	D3	D4	D5	D6	L1	L2	L3	L4
			Metric	AWG	+0 -0.2	+0 -0.5	+0 -0.15	+0.15 -0	+0 -0.1	+0 -0.2	±0.2	±0.15	±0.1	Min.
VG95234P10-002	10-234-10P							1.50						
VG95234P10-001	10-234-10P-001	Blue	10		2.00	1.04	1.50	0.90	2.40	2.60	28.4	11.3	4.75	4.6
VG95234P15S-003	10-234-15SP							1.75						
VG95234P15S-001	10-234-15SP-001	Blue	15S	16S	3.20	1.60	1.75	0.90	2.75	3.20	27.4	13.9	3.85	6.8
VG95234P15S-002	10-234-15SP-002	Red						1.20						
VG95234P15-003	10-234-15P							1.75						
VG95234P15-001	10-234-15P-001	Blue	15	16	3.20	1.60	1.75	0.90	2.75	3.20	31.4	13.9	7.90	6.8
VG95234P15-002	10-234-15P-002	Red						1.20						
VG95234P25-002	10-234-25P							2.50	3.80					
VG95234P25-001	10-234-25P-001	Black	25	12	4.80	2.40	3.30	1.75	3.40	4.80	37.0	18.3	7.90	6.8
VG95234P25A-001	10-234-25AP		25		4.80	2.40	3.30	2.50	3.80	4.80	33.9	15.2	7.90	6.8
VG95234P60-002	10-234-60P	Yellow						3.50						
VG95234P60-001	10-234-60P-001	Green	60		7.60	3.60	6.25	2.50	6.80	7.60	39.6	20.0	6.35	12.0
VG95234P100-001	10-234-100P		100		7.60	3.60	6.25	4.80	6.80	7.60	39.6	20.0	6.35	12.0
VG95234P8-001	10-234-8P			8	7.60	3.60	6.25	4.55	6.80	7.60	39.6	20.0	6.35	12.0
VG95234P160-002	10-234-160P							6.20						
VG95234P160-001	10-234-160P-001	Brown	160		11.20	5.75	9.55	5.70	9.55	11.20	39.6	20.0	6.35	12.0
VG95234P4-001	10-234-4P			4	11.20	5.75	9.55	7.10	9.55	11.20	39.6	20.0	6.35	12.0
VG95234P500-003	10-234-500P							10.70						
VG95234P500-001	10-234-500P-001	White	500		15.15	9.10	13.55	7.60	14.35	15.15	41.0	20.0	6.35	14.0
VG95234P500-002	10-234-500P-002	Grey						9.10						
VG95234P0-001	10-234-0P			0	15.15	9.10	13.55	11.50	14.35	15.15	41.0	20.0	6.35	14.0

VG95234 Socket Contacts



Socket Contact



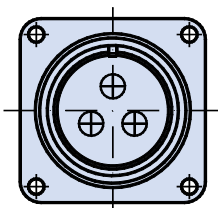
SOCKET CONTACTS														
VG Part Number	Part Number	Color Code	Contact Size		D1	D2	D3	D4	D5	D6	L1	L2	L3	L4
			Metric	AWG	+0 -0.2	+0 -0.5	+0 -0.15	+0.15 -0	+0 -0.1	+0 -0.2	L1 ±0.2	L2 ±0.15	L3 ±0.1	L4 Min.
VG95234S10-002	10-234-10S		10		2.00	1.04	1.50	1.50	2.40	2.60	28.4	11.3	4.75	4.6
VG95234S10-001	10-234-10S-001	Blue						0.90						
VG95234S15S-003	10-234-15SS		15S	16S	3.20	1.60	1.75	1.75	2.75	3.20	27.4	13.9	3.85	6.8
VG95234S15S-001	10-234-15SS-001	Blue						0.90						
VG95234S15S-002	10-234-15SS-002	Red						1.20						
VG95234S15-003	10-234-15S		15	16	3.20	1.60	1.75	1.75	2.75	3.20	31.4	13.9	7.90	6.8
VG95234S15-001	10-234-15S-001	Blue						0.90						
VG95234S15-002	10-234-15S-002	Red						1.20						
VG95234S25-002	10-234-25S		25	12	4.80	2.40	3.30	2.50	3.80	4.80	37.0	18.3	7.90	6.8
VG95234S25-001	10-234-25S-001	Black						1.75						
VG95234S60-002	10-234-60S	Yellow						3.50						
VG95234S60-001	10-234-60S-001	Green	2.50	60	7.60	3.60	6.25	2.50	6.80	7.60	39.6	20.0	6.35	12.0
VG95234S100-001	10-234-100S		4.80											
VG95234S8-001	10-234-8S		4.55											
VG95234S160-002	10-234-160S		160	4	11.20	5.75	9.55	6.20	9.55	11.20	39.6	20.0	6.35	12.0
VG95234S160-001	10-234-160S-001	Brown						5.70						
VG95234S4-001	10-234-4S							7.10						
VG95234S500-003	10-234-500S		500		15.15	9.10	13.55	10.70	14.35	15.15	41.0	20.0	6.35	14.0
VG95234S500-001	10-234-500S-001	White						7.60						
VG95234S500-002	10-234-500S-002	Grey						9.10						
VG95234S0-001	10-234-0S							11.50						

Contact Arrangements Table

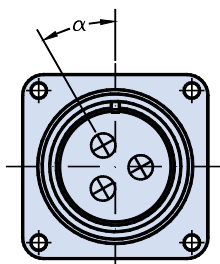
Contact Arrangments	Degrees				Tolerance	Contact Arrangments	Degrees				Tolerance
	W	X	Y	Z			W	X	Y	Z	
10SL - 3						22 - 15	80	110	250	280	± 2°
10SL - 4						22 - 19	80	110	250	280	± 2°
12SA - 10						22 - 22		110	250		± 1° 30'
14S - 2		120	240		± 2°	22 - 23	35		250		± 2°
14S - 5		110			± 2°	22 - 28	80			280	± 2°
14S - 6	90				± 2°	22 - B22		110	250		± 1° 30'
14S - 7	90	180	270		± 2°	22 - 27			250		± 1° 30'
16S - 1	80			280	± 2°	24 - 9	35	110	250	325	± 1° 30'
16S - 4 *		110	250		± 2°	24 - 10	80			280	± 1° 30'
16 - 7 *		110	250		± 2°	24 - 11		110	250		± 1° 30'
16 - 9	35	110	250	325	± 2°	24 - 12		110	250		± 1° 30'
16 - 10		180	270		± 2°	24 - 20	80	110	250	280	± 2°
16 - A11		110	250		± 2°	24 - 22	45	110	250		± 2°
16 - 12						24 - 28	80	110	250	280	± 1° 30'
18 - 1		145			± 2°	28 - 09	80	110	250	280	± 2°
18 - 3	35	110	250	325	± 2°	28 - 11	80	110	250	280	± 1° 30'
18 - 6		180			± 2°	28 - 12	90	180	270		± 2°
18 - 9 *	80	110	250	280	± 2°	28 - 20		110	250		± 1° 30'
18 - 11		170	265		± 2°	28 - 21		110	250		± 1° 30'
18 - 13 *		110	250		± 2°	28 - 22	70	145	215	290	± 1° 30'
18 - 21						28 - A63		100	260		± 1° 30'
20 - 2						32 - 1		110	250		± 2°
20 - 3	70	145	215	290	± 2°	32 - 3		110	250		± 2°
20 - 8		110	250		± 2°	32 - 5	35	110	250	325	± 2°
20 - 16	80	110	250	280	± 2°	32 - 6		110	250		± 2°
20 - 18	35	110	250	325	± 2°	32 - 7		125	235		± 2°
20 - 23	35	110	250	325	± 2°	32 - 17	45	110	250		± 2°
20 - 27	35	110	250	325	± 2°	32 - A55	80	110	250	280	± 2°
20 - 29	80			280	± 2°	32 - A69		110	250		± 1° 30'
20 - A9		110	250		± 2°	36 - 3	70	145	215	290	± 1° 30'
20 - A48		80	280		± 2°	36 - 5		120	240		± 1° 30'
22 - 2		145	215		± 1° 30'	36 - 6		110	250		± 1° 30'
22 - 12		110	250		± 1° 30'	36 - 10		125	235		± 1° 30'
22 - 14	80	110	250	280	± 2°						

* Consult the Factory

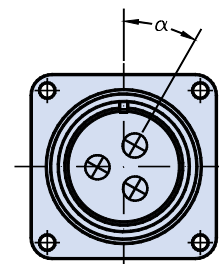
Normal position



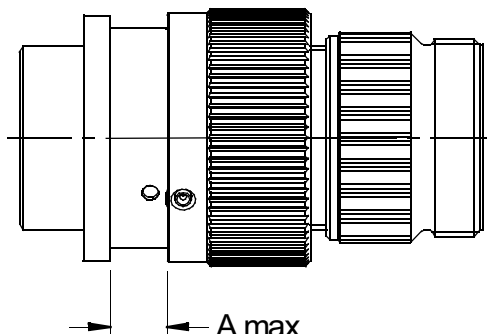
Alternate position with socket contacts



Alternate position with pin contacts



Maximum Panel Thickness

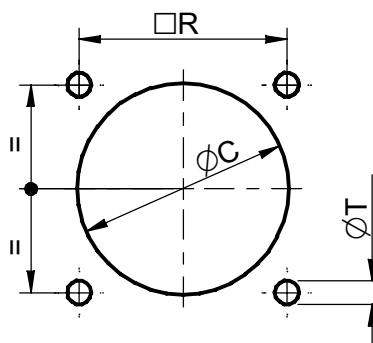


Panel Thickness for Type A Connectors (Used for Rear Mounting)

Shell size	10SL	14S	16S 16	18	20	22	24	28	32	36
A	3,70	3,70	3,70	3,70	3,70	3,70	5,25	5,25	6,10	6,10

Panel Thickness for Type B, C, J, N, S, U Connectors (Used for Rear Mounting)

Shell size	10SL	14S	16S 16	18	20	22	24	28	32	36
A	7,20	7,20	7,20	7,50	7,50	7,50	7,50	7,50	7,50	7,50



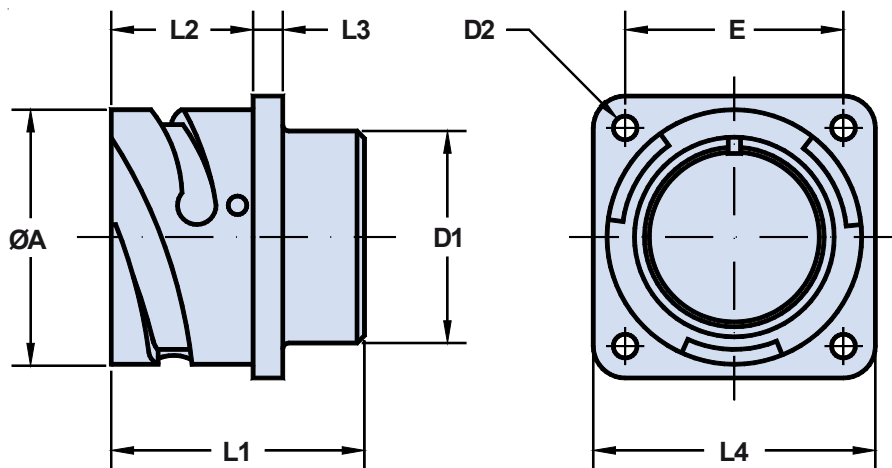
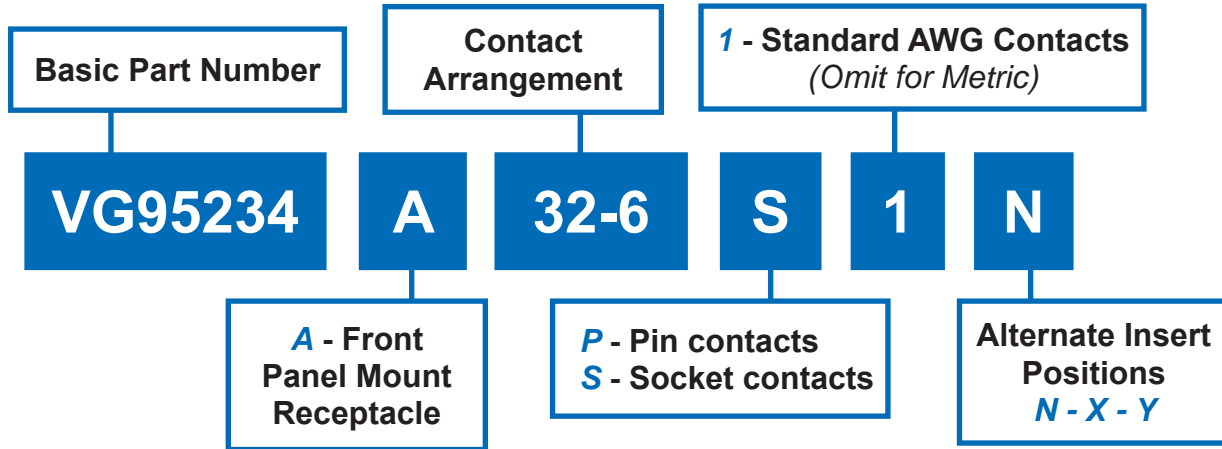
Panel Cut-Out for Type A Connectors (Front Panel Mounting)

Shell size	10SL	14S	16S 16	18	20	22	24	28	32	36
ϕC	17,0	20,0	23,0	26,5	30,0	33,0	36,0	42,0	48,5	55,0
$R \pm 0,1$	18,2	23,0	24,6	27,0	29,4	31,8	34,9	39,7	44,5	49,2
ϕT	3,4	3,4	3,4	3,4	3,4	3,4	3,9	3,9	4,5	4,5

Panel Cut-Out for Type B, C, J, N, S, U Connectors (Rear Panel Mounting)

Shell size	10SL	14S	16S 16	18	20	22	24	28	32	36
ϕC	19,1	25,5	28,3	31,7	35,0	38,3	41,8	47,6	54,3	60,5
$R \pm 0,1$	18,2	23,0	24,6	27,0	29,4	31,8	34,9	39,7	44,5	49,2
ϕT	4,5	4,5	4,5	4,5	4,5	4,5	4,5	5,5	5,5	5,5

VG95234 A Front Panel Wall Mount Receptacle



APPLICATION NOTES

1. Front panel mount square flange receptacle—no accessory threads. Through mounting holes.
2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information.
3. Insert arrangements IAW VG95234. Please see pages 10-15.
4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065.
5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory.
6. All dimensions are metric unless otherwise noted.

VG95234 A Front Panel Wall Mount Receptacle



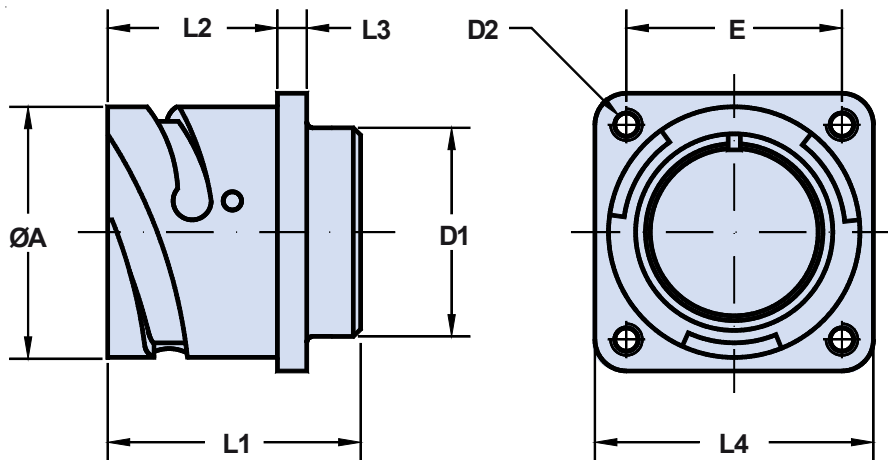
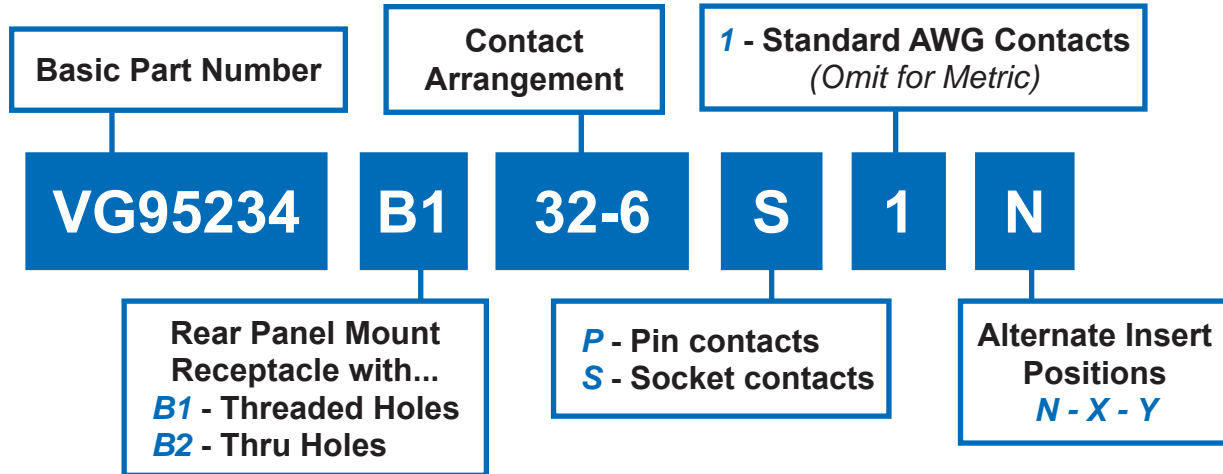
VG95234
Connectors

DIMENSIONS									
Shell Size	ØA +0 -0.15	D1 Max	D2 H13	E ±0.1	L1 ±0.3	L2 +0.4 -0	L3 ±0.2	L4 ±0.3	Weight gr. Max
10 SL	18.2	16.2	3.2	18.2	24.7	14.2	2.8	25.4	12
14 S	24.6	19.2	3.2	23.0	24.7	14.2	3.2	30.0	17
16 S	27.4	22.4	3.2	24.6	24.7	14.2	3.2	32.5	19
16	27.4	22.4	3.2	24.6	33.8	19.0	3.2	32.5	22
18	30.8	25.6	3.2	27.0	33.8	19.0	4.0	35.0	28
20	34.2	29.0	3.2	29.4	33.8	19.0	4.0	38.0	33
22	37.4	32.2	3.2	31.8	33.8	19.0	4.0	41.0	38
24	40.9	35.3	3.7	35.9	33.8	20.6	4.0	44.5	46
28	46.7	41.4	3.7	39.7	33.8	20.6	4.0	50.8	52
32	53.4	47.8	4.3	44.5	33.8	22.2	4.0	57.0	64
36	59.6	54.1	4.3	49.2	33.8	22.2	4.0	63.5	80

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
	CRIMP CONTACTS
	Copper Alloy with Silver Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

VG95234 B1 and VG95234 B2
Rear Panel Wall Mount Receptacle
with Threaded (B1) and Thru-Holes (B2)



APPLICATION NOTES

- | | |
|---|---|
| 1. Rear panel mount square flange receptacle—no accessory threads. Threaded or through mounting holes. | 4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065. |
| 2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information. | 5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory. |
| 3. Insert arrangements IAW VG95234. Please see pages 10-15. | 6. All dimensions are metric unless otherwise noted. |

**VG95234 B1 and VG95234 B2
Rear Panel Wall Mount Receptacle
with Threaded (B1) and Thru-Holes (B2)**

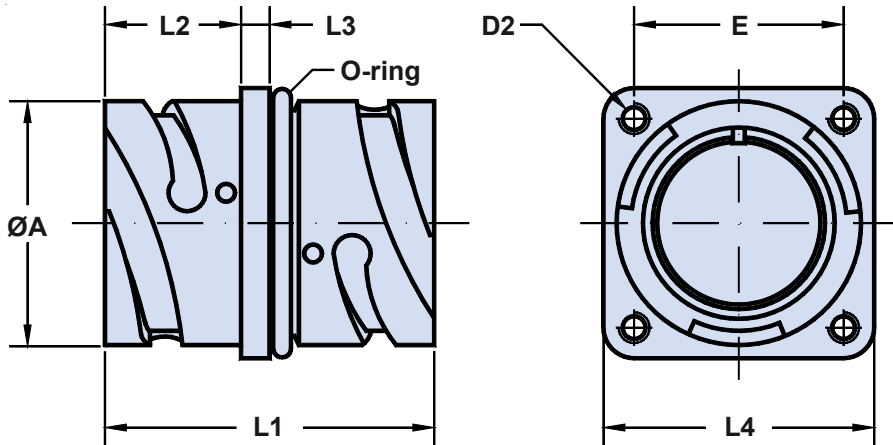
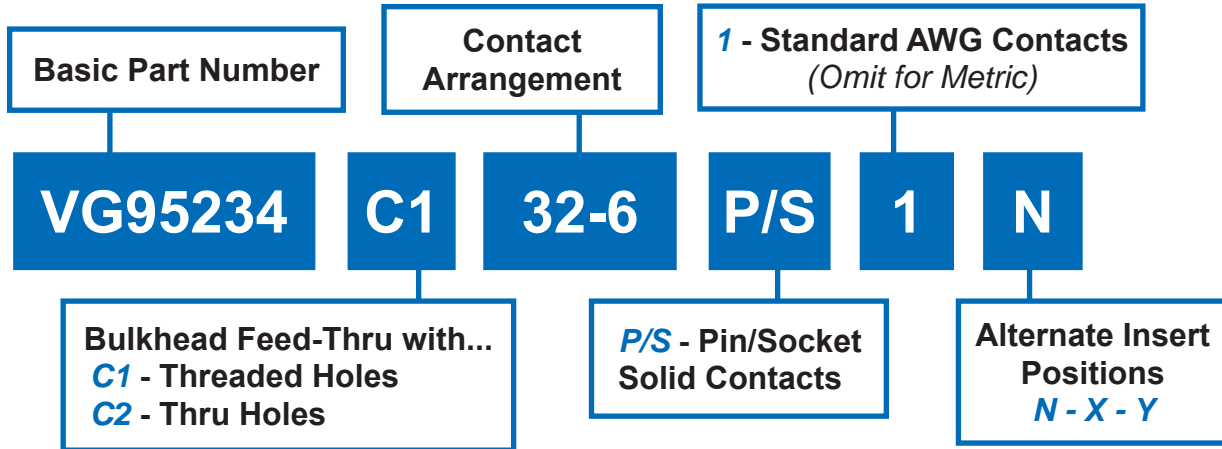


DIMENSIONS										
Shell Size	ØA +0 -0.15	D1 Max	D2		E ±0.1	L1 ±0.3	L2 +0.4 -0	L3 ±0.2	L4 ±0.3	Weight gr. Max
			B1	B2 H13						
10 SL	18.2	16.2	M4	3.2	18.2	24.7	18.2	2.8	25.4	14
14 S	24.6	19.2	M4	3.2	23.0	24.7	18.2	3.2	30.0	21
16 S	27.4	22.4	M4	3.2	24.6	24.7	18.2	3.2	32.5	22
16	27.4	22.4	M4	3.2	24.6	33.8	23.05	3.2	32.5	27
18	30.8	25.6	M4	3.2	27.0	33.8	23.05	4.0	35.0	33
20	34.2	29.0	M4	3.2	29.4	33.8	23.05	4.0	38.0	37
22	37.4	32.2	M4	3.2	31.8	33.8	23.05	4.0	41.0	42
24	40.9	35.3	M4	3.7	35.9	33.8	23.05	4.0	44.5	48
28	46.7	41.4	M5	3.7	39.7	33.8	24.05	4.0	50.8	58
32	53.4	47.8	M5	4.3	44.5	33.8	24.05	4.0	57.0	72
36	59.6	54.1	M5	4.3	49.2	33.8	24.05	4.0	63.5	84

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
	CRIMP CONTACTS
	Copper Alloy with Silver Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

VG95234 C1 and VG95234 C2
Bulkhead Feed-Thru Receptacle
with Threaded (C1) and Thru-Holes (C2)



APPLICATION NOTES

1. Bulkhead feed-thru receptacle with threaded or through mounting holes.
2. Solid contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information.
3. Insert arrangements IAW VG95234. Please see pages 10-15.
4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065.
5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory.
6. All dimensions are metric unless otherwise noted.

**VG95234 C1 and VG95234 C2
Bulkhead Feed-Thru Receptacle
with Threaded (C1) and Thru-Holes (C2)**

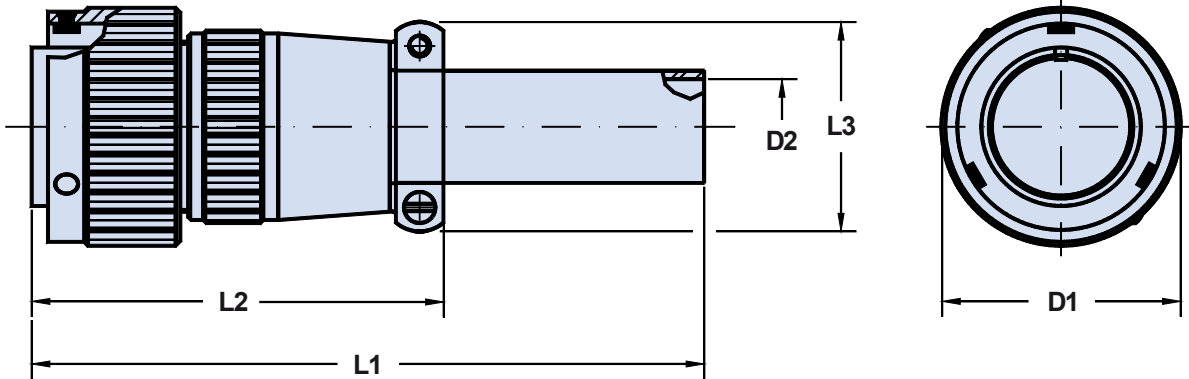
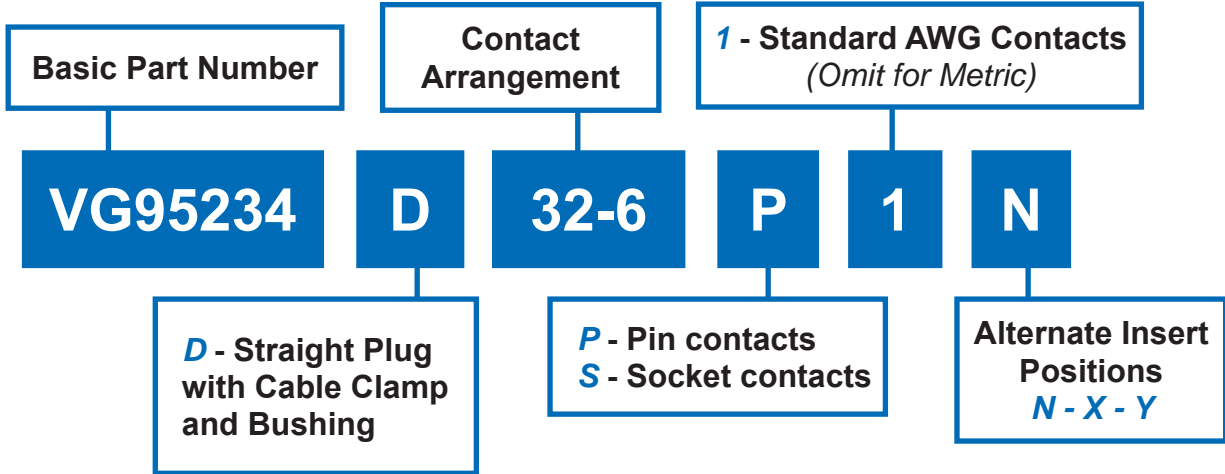


DIMENSIONS									
Shell Size	ØA +0 -0.15	D2		E ±0.1	L1 ±0.3	L2 +0.4 -0	L3 ±0.2	L4 ±0.3	Weight gr. Max
		B1	B2 H13						
10 SL	18.2	M4	3.2	18.2	37.5	14.2	2.8	25.4	17
14 S	24.6	M4	3.2	23.0	37.5	14.2	3.2	30.0	29
16 S	27.4	M4	3.2	24.6	37.5	14.2	3.2	32.5	34
16	27.4	M4	3.2	24.6	51.4	19.0	3.2	32.5	41
18	30.8	M4	3.2	27.0	51.4	19.0	4.0	35.0	49
20	34.2	M4	3.2	29.4	51.4	19.0	4.0	38.0	56
22	37.4	M4	3.2	31.8	51.4	19.0	4.0	41.0	61
24	40.9	M4	3.7	35.9	51.4	20.6	4.0	44.5	65
28	46.7	M5	3.7	39.7	51.4	20.6	4.0	50.8	76
32	53.4	M5	4.3	44.5	51.4	22.2	4.0	57.0	92
36	59.6	M5	4.3	49.2	51.4	22.2	4.0	63.5	103

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
	CRIMP CONTACTS
	Copper Alloy with Silver Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

VG95234 D
Straight Plug with Cable Clamp, Bushing and Wire Sealing Grommet



APPLICATION NOTES

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Straight plug connector complete with wire sealing grommet, cable clamp and bushing. 2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information. 3. Insert arrangements IAW VG95234. Please see pages 10-15. | <ol style="list-style-type: none"> 4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065. 5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory. 6. All dimensions are metric unless otherwise noted. |
|---|--|

VG95234 D
Straight Plug with Cable Clamp,
Bushing and Wire Sealing Grommet

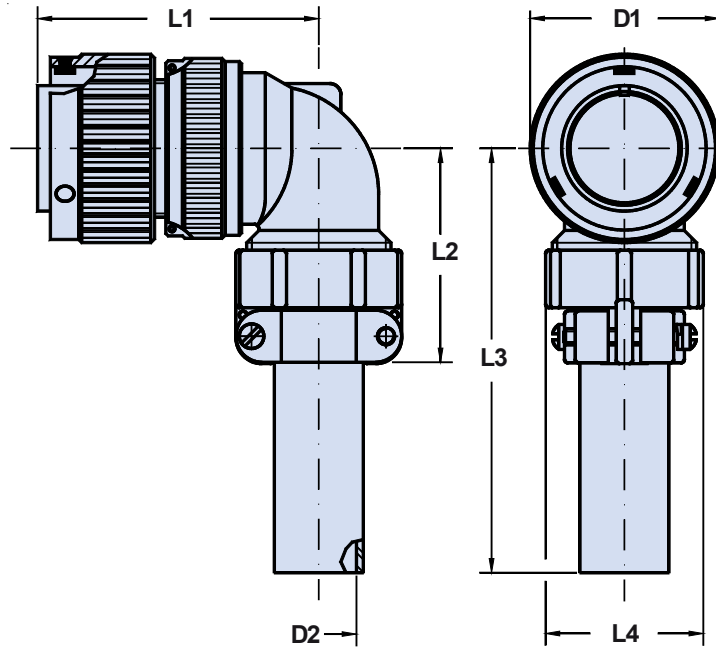
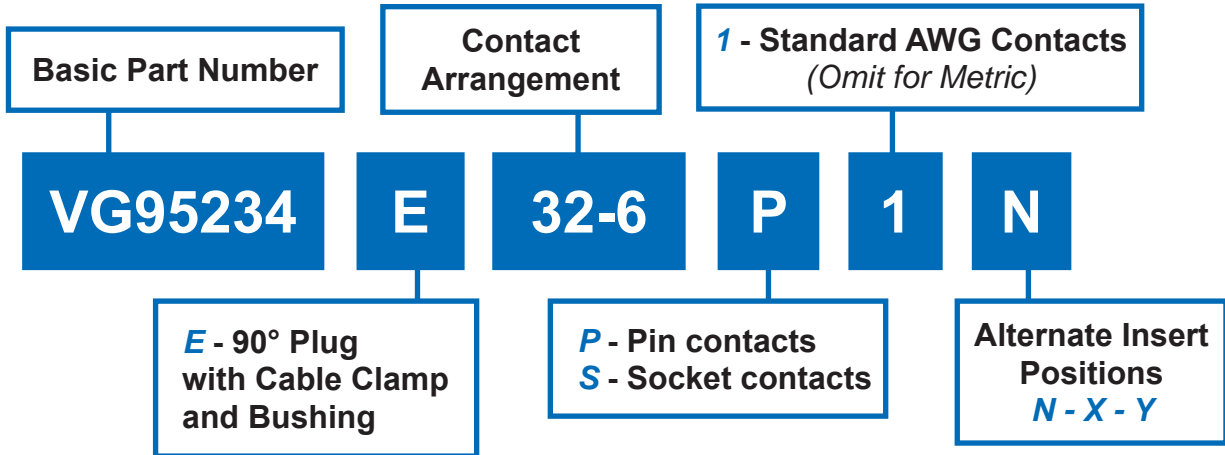


DIMENSIONS						
Shell Size	D1 Max	D2 Max	L1 Max	L2 Max	L3 Max	Weight gr. Max
10 SL	22.8	6.5	115	58	22.7	30
14 S	29.2	9.0	115	60	27.5	44
16 S	32.0	11.0	115	60	30.0	54
16	32.0	11.0	120	70	30.0	62
18	36.5	14.2	120	75	33.0	70
20	39.9	15.8	120	75	37.5	85
22	43.1	15.8	120	75	37.5	92
24	46.6	21.4	120	90	43.3	127
28	53.4	21.4	120	90	48.0	154
32	60.1	26.7	120	90	55.0	199
36	66.3	31.7	130	100	58.0	260

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
Stainless Steel Coupling Pins	CRIMP CONTACTS
Stainless Steel Spring	Copper Alloy with Silver Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

VG95234 E
**90° Plug with Cable Clamp,
Bushing and Wire Sealing Grommet**



APPLICATION NOTES

1. 90° Plug connector with wire sealing grommet, cable clamp and bushing.
2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information.
3. Insert arrangements IAW VG95234. Please see pages 10-15.
4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065.
5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory.
6. All dimensions are metric unless otherwise noted.

VG95234 E
90° Plug with Cable Clamp,
Bushing and Wire Sealing Grommet

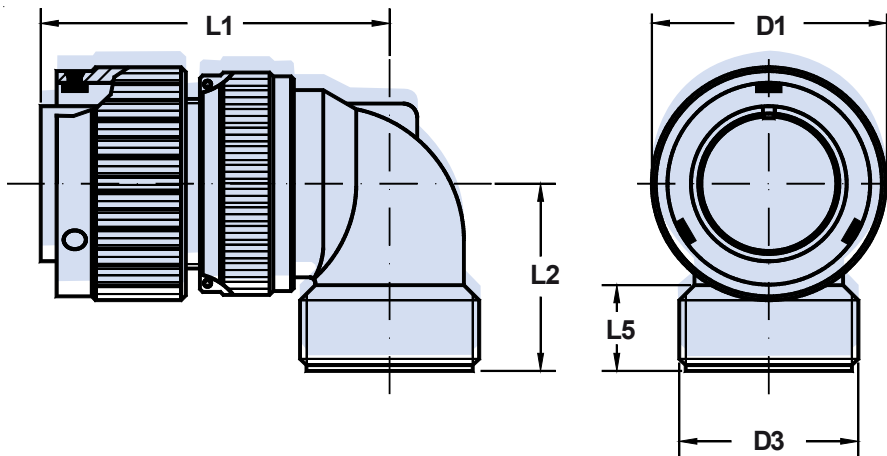
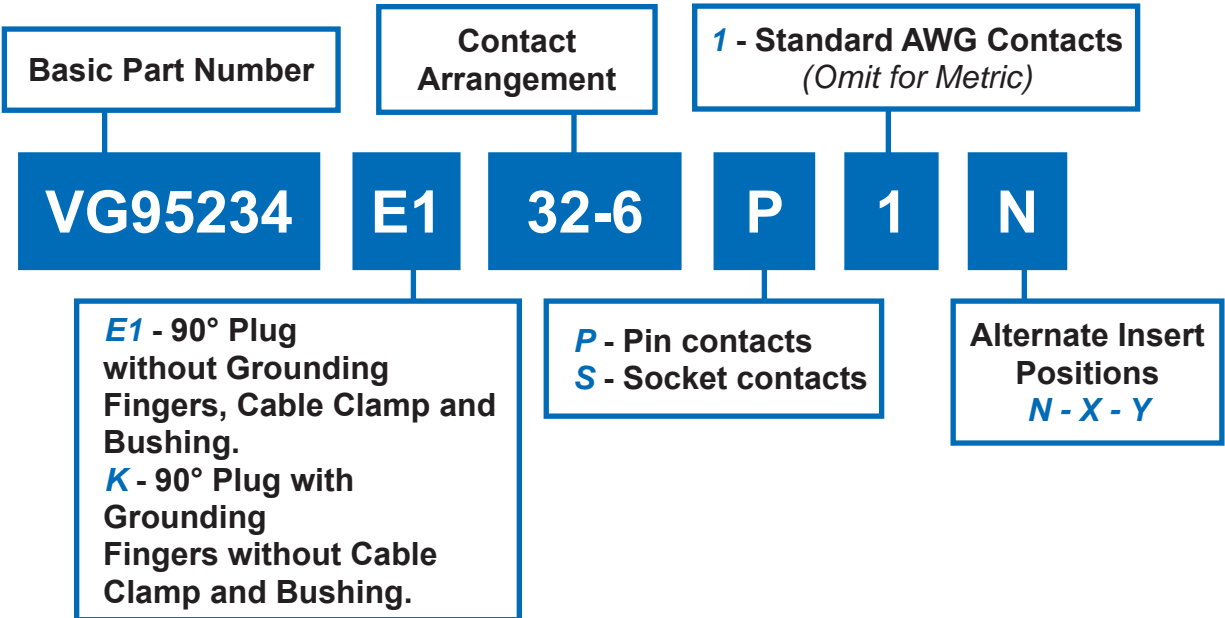


DIMENSIONS							
Shell Size	D1 Max	D2 Max	L1 Max	L2 Max	L3 Max	L4 Max	Weight gr. Max
10 SL	22.8	6.5	45	42	100	22.7	37
14 S	29.2	9.0	47	42	100	27.5	58
16 S	32.0	11.0	48	45	100	30.0	68
16	32.0	11.0	57	45	100	30.0	78
18	36.5	14.2	58	53	100	33.0	90
20	39.9	15.8	61	53	100	37.5	109
22	43.1	15.8	61	58	100	37.5	113
24	46.6	21.4	66	58	100	43.3	159
28	53.4	21.4	66	58	100	48.0	181
32	60.1	26.7	72	66	100	55.0	245
36	66.3	31.7	75	69	100	58	300

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
Stainless Steel Coupling Pins	CRIMP CONTACTS
Stainless Steel Spring	Copper Alloy with Silver Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

VG95234 E1 and VG95234 K
90° Plug with Conduit Adapter (E1)
and Grounding Fingers (K)



APPLICATION NOTES

- | | |
|---|---|
| 1. 90° Plug connector without cable clamp and bushing. | 4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065. |
| 2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information. | 5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory. |
| 3. Insert arrangements IAW VG95234. Please see pages 10-15. | 6. All dimensions are metric unless otherwise noted. |

**VG95234 E1 and VG95234 K
90° Plug with Conduit Adapter (E1)
and Grounding Fingers (K)**



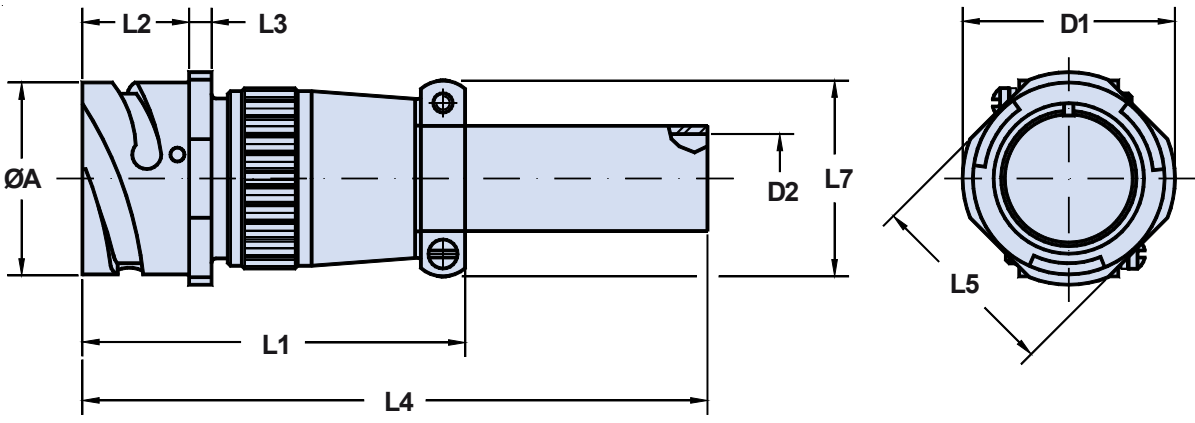
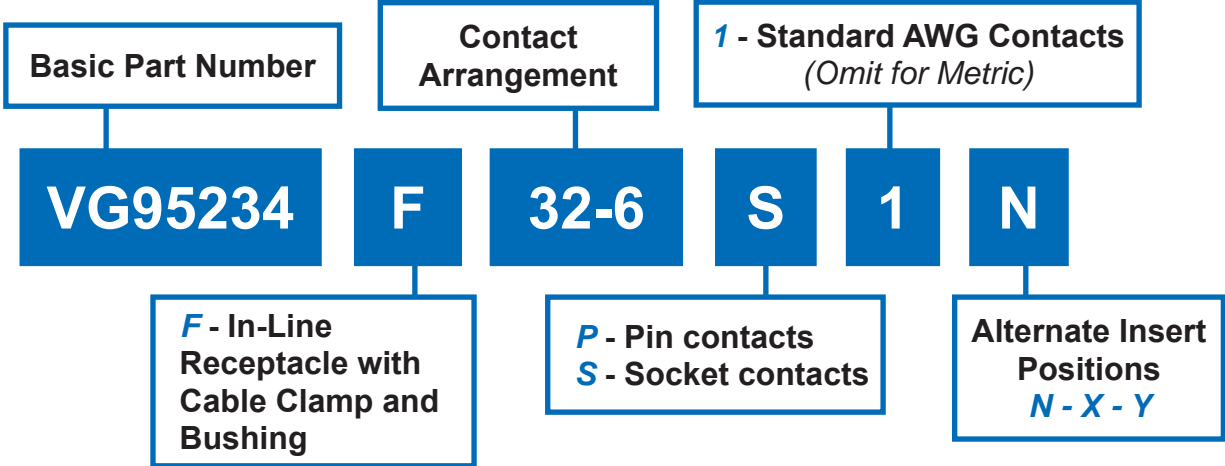
DIMENSIONS						
Shell Size	D1 Max	D3	L1 Max	L2 Max	L5 Min	Weight gr. Max
10 SL	22.8	0.6250 - 24UNEF	45	30	9.4	27
14 S	29.2	0.7500 - 20UNEF	47	30	9.4	43
16 S	32.0	0.8750 - 20UNEF	48	30	9.4	48
16	32.0	0.8750 - 20UNEF	57	35	9.4	58
18	36.5	1.0000 - 20UNEF	58	35	9.4	58
20	39.9	1.1875 - 18NEF	61	35	9.4	74
22	43.1	1.1875 - 18NEF	61	40	9.4	78
24	46.6	1.4375 - 18NEF	66	40	9.4	104
28	53.4	1.4375 - 18NEF	66	40	9.4	126
32	60.1	1.7500 - 18NS	72	45	11.0	160
36	66.3	2.0000 - 18NS	75	50	12.6	190

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
Stainless Steel Coupling Pins	CRIMP CONTACTS
Stainless Steel Spring	Copper Alloy with Silver Plating Over Nickel
Copper Alloy Grounding Finger	

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

VG95234 F

In Line Receptacle with Cable Clamp, Bushing and Wire Sealing Grommet



APPLICATION NOTES

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. 90° Plug connector without cable clamp and bushing. 2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information. 3. Insert arrangements IAW VG95234. Please see pages 10-15. | <ol style="list-style-type: none"> 4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065. 5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory. 6. All dimensions are metric unless otherwise noted. |
|--|--|

VG95234 F
In Line Receptacle with Cable Clamp,
Bushing and Wire Sealing Grommet

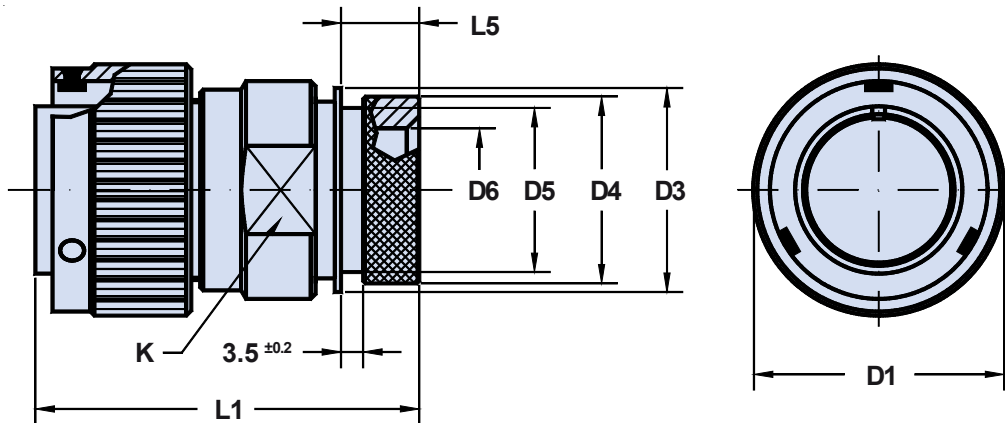
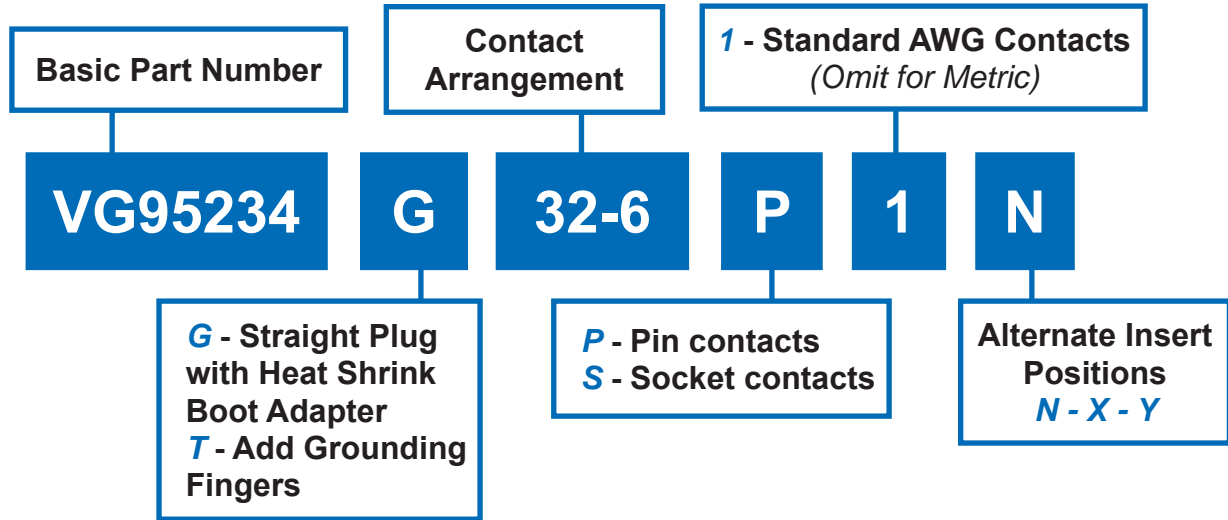


DIMENSIONS										
Shell Size	ØA +0 -0.15	D1 Max	D2 Max	L1 Max	L2 ±0.4 -0	L3 ±0.2	L4 Max	L5 ±0.2	L7 Max	Weight gr. Max
10 SL	18.2	25.2	6.5	60	14.2	2.8	120	20.6	22.7	35
14 S	24.6	29.8	9.0	62	14.2	3.2	120	25.4	27.5	50
16 S	27.4	32.3	11.0	70	14.2	3.2	120	28.6	30.0	60
16	27.4	32.3	11.0	70	19.0	3.2	125	28.6	30.0	65
18	30.8	34.8	14.2	77	19.0	4.0	125	31.7	33.0	80
20	34.2	37.8	15.8	77	19.0	4.0	125	34.9	37.5	95
22	37.4	41.1	15.8	77	19.0	4.0	125	38.1	37.5	105
24	40.9	44.6	21.4	85	20.6	4.0	125	41.3	43.3	140
28	46.7	50.9	21.4	85	20.6	4.0	125	47.6	48.0	160
32	53.4	57.1	26.7	85	22.2	4.0	125	54.0	55.0	205
36	59.6	63.6	31.7	105	22.2	4.0	135	60.6	58.0	270

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
Stainless Steel Coupling Pins	CRIMP CONTACTS
Stainless Steel Spring	Copper Alloy with Silver Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

VG95234 G and VG95234 T
Straight Plug with Heat Shrink Boot Adapter (G),
Grounding Fingers (T), and Wire Sealing Grommet



APPLICATION NOTES

1. Straight plug connector with wire sealing grommet and shrink boot adapter.
2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information.
3. Insert arrangements IAW VG95234. Please see pages 10-15.
4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065.
5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory.
6. All dimensions are metric unless otherwise noted.

VG95234 G and VG95234 T
Straight Plug with Heat Shrink Boot Adapter (G),
Grounding Fingers (T), and Wire Sealing Grommet

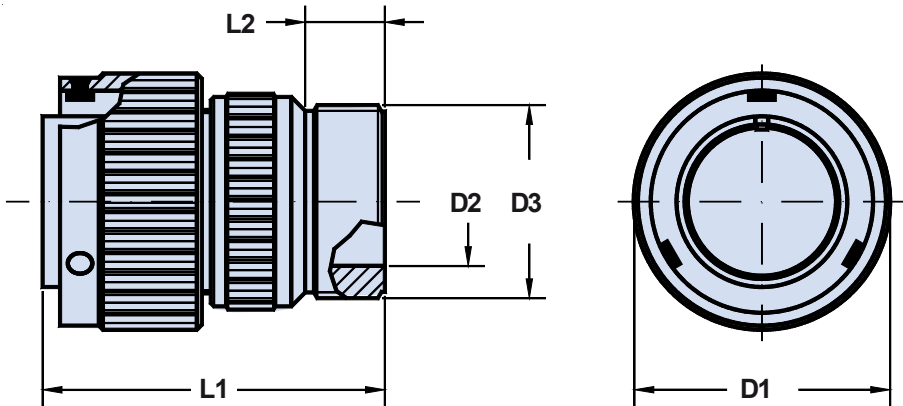
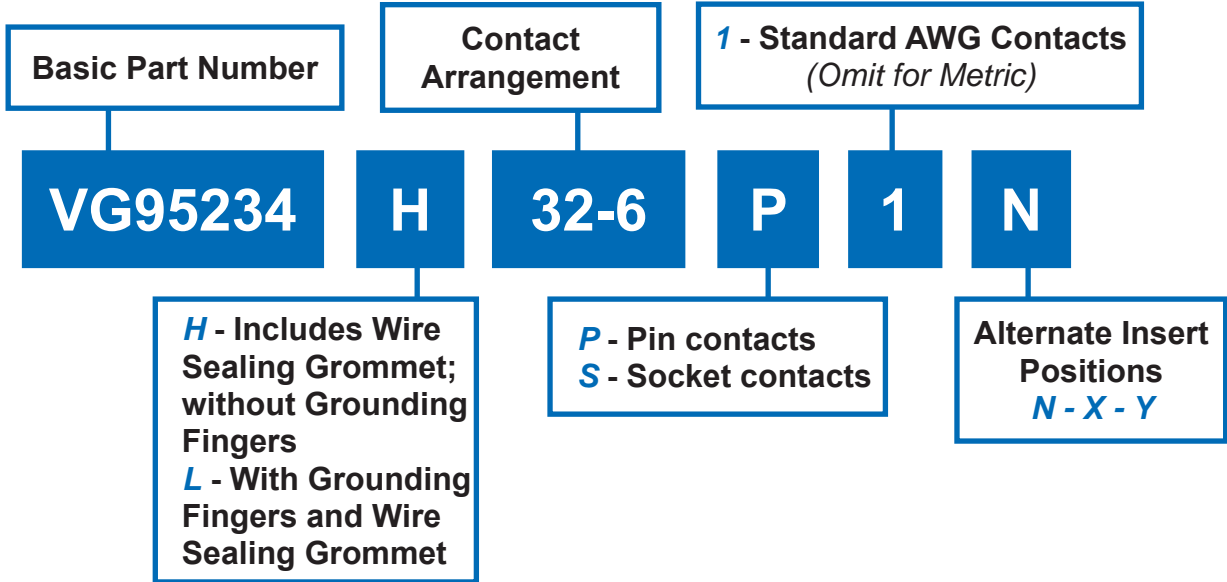


DIMENSIONS									
Shell Size	D1 Max	D3 ±0.2	D4 ±0.2	D5 Max	D6 Min	K Key	L1 Max	L5 ±0.5	Weight gr. Max
10 SL	22.8	17.0	15.5	13.3	7.7	20	50	11.7	26
14 S	29.2	20.1	19.1	17.0	10.6	23	50	11.7	43
16 S	32.0	23.5	23.9	21.9	13.5	26	50	11.7	53
16	32.0	23.5	23.9	21.9	13.5	26	60	11.5	60
18	36.5	26.5	23.9	21.9	14.6	28	60	11.5	67
20	39.9	30.2	29.6	26.2	18.7	32	65	12.7	77
22	43.1	33.6	29.6	26.2	20.8	36	65	12.7	82
24	46.6	36.1	37.8	34.5	24.6	39	65	12.7	97
28	53.4	41.4	37.8	34.5	27.0	46	65	12.7	122
32	60.1	48.6	47.8	43.6	33.3	52	70	15.2	167
36	66.3	54.8	47.8	43.6	38.5	58	80	15.2	182

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
Stainless Steel Coupling Pins	CRIMP CONTACTS
Stainless Steel Spring	Copper Alloy with Silver Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

VG95234 H and VG95234 L Straight Plug with Conduit Adapter (H) and Grounding Fingers (L)



APPLICATION NOTES

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Straight Plug connector. 2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information. 3. Insert arrangements IAW VG95234. Please see pages 10-15. | <ol style="list-style-type: none"> 4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065. 5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory. 6. All dimensions are metric unless otherwise noted. |
|---|--|

VG95234 H and VG95234 L
Straight Plug with Conduit Adapter (H)
and Grounding Fingers (L)

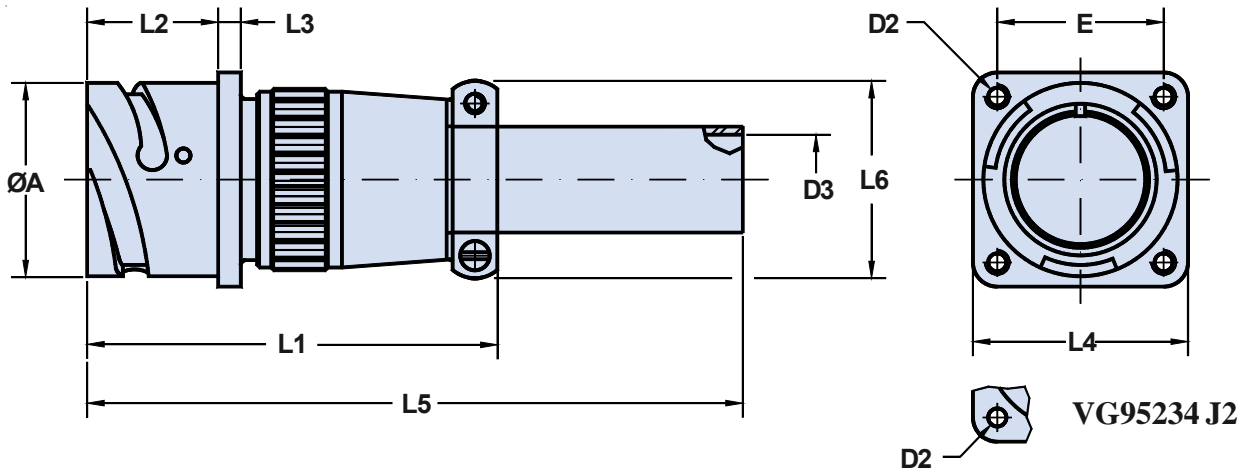
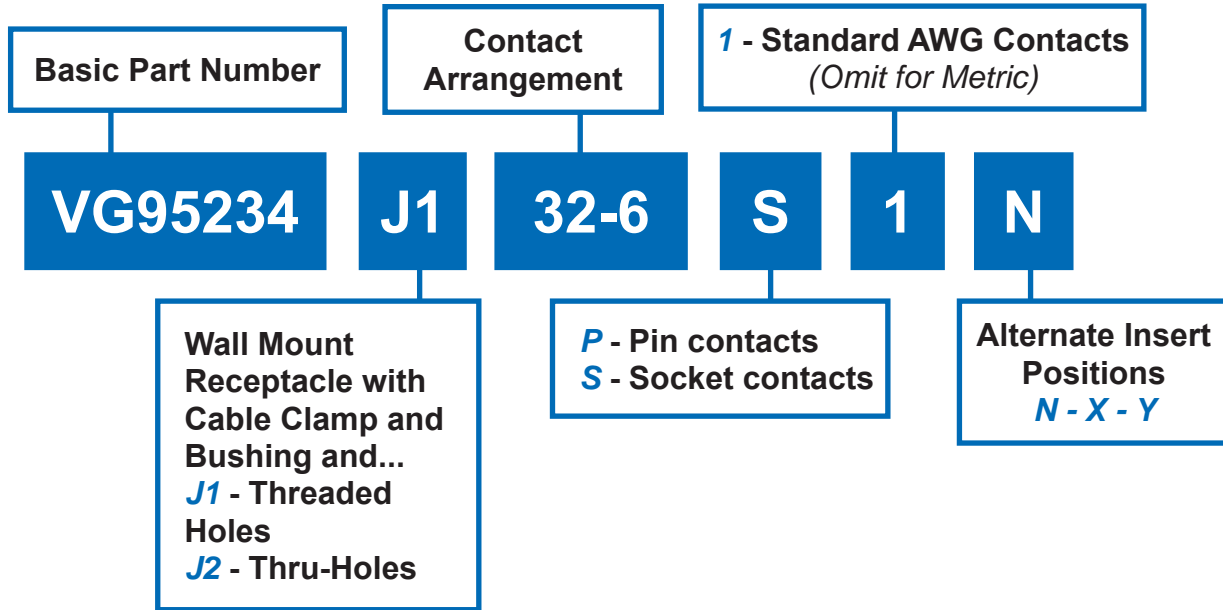


DIMENSIONS						
Shell Size	D1 Max	D2 Min	D3	L1 Max	L2 Min	Weight gr. Max
10 SL	22.8	8.2	0.6250 - 24UNEF	50	9.5	21
14 S	29.2	11.1	0.7500 - 20UNEF	50	9.5	33
16 S	32.0	14.3	0.8750 - 20UNEF	50	9.5	42
16	32.0	14.3	0.8750 - 20UNEF	60	9.5	51
18	36.5	16.7	1.0000 - 20UNEF	60	9.5	59
20	39.9	19.8	1.1875 - 18NEF	60	9.5	58
22	43.1	19.8	1.1875 - 18NEF	60	9.5	62
24	46.6	25.4	1.4375 - 18NEF	65	9.5	84
28	53.4	27.0	1.4375 - 18NEF	65	9.5	100
32	60.1	32.5	1.7500 - 18NS	65	11.0	116
36	66.3	35.7	2.0000 - 18NS	80	11.8	142

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
Stainless Steel Coupling Pins	CRIMP CONTACTS
Stainless Steel Spring	Copper Alloy with Silver Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

VG95234 J1 and VG95234 J2
Wall Mount Receptacle
 with Cable Clamp, Bushing and Wire Sealing Grommet
 With Threaded (J1) and Thru-Holes (J2)



APPLICATION NOTES

1. Rear mount receptacle with wire sealing grommet, cable clamp and bushing.
2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information.
3. Insert arrangements IAW VG95234. Please see pages 10-15.
4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065.
5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory.
6. All dimensions are metric unless otherwise noted.

VG95234 J1 and VG95234 J2
Wall Mount Receptacle
 with Cable Clamp, Bushing and Wire Sealing Grommet
 With Threaded (J1) and Thru-Holes (J2)

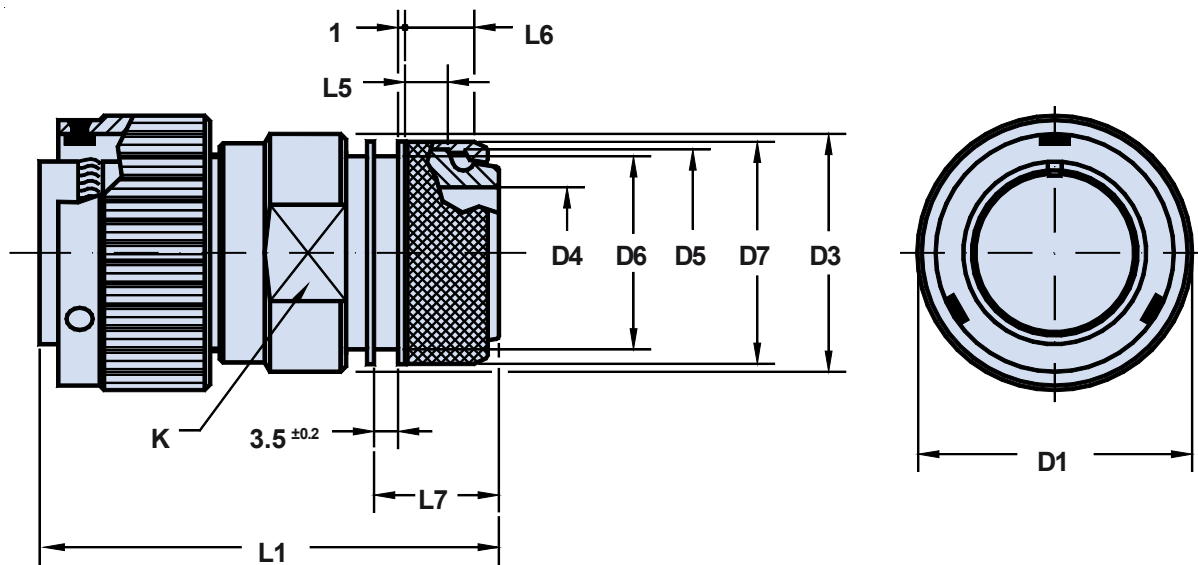
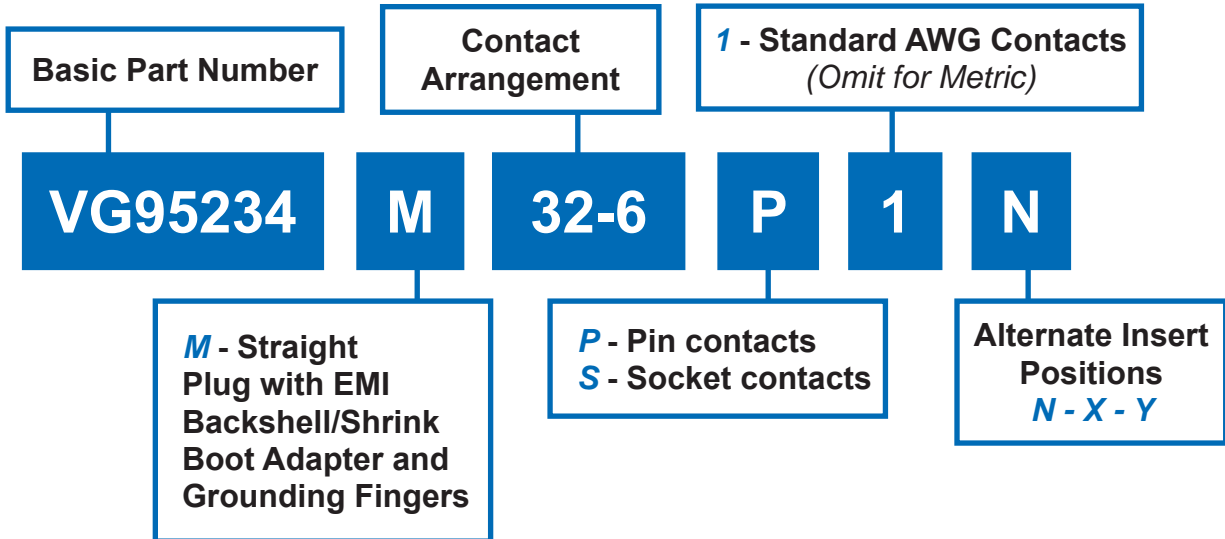


DIMENSIONS												
Shell Size	ØA +0 -0.15	D2		D3 Max	E ±0.1	L1 ±0.3	L2 +0.4 -0	L3 ±0.2	L4 ±0.3	L5 Max	L6 Max	Weight gr. Max
		J1	J2 H13									
10 SL	18.2	M4	3.2	6.5	18.2	60	18.2	2.8	25.4	120	22.7	35
14 S	24.6	M4	3.2	9.0	23.0	62	18.2	3.2	30.0	120	27.5	50
16 S	27.4	M4	3.2	11.0	24.6	70	18.2	3.2	32.5	120	30.0	60
16	27.4	M4	3.2	11.0	24.6	70	21.5	3.2	32.5	125	30.0	65
18	30.8	M4	3.2	14.2	27.0	77	23.05	4.0	35.0	125	33.0	80
20	34.2	M4	3.2	15.8	29.4	77	23.05	4.0	38.0	125	37.5	95
22	37.4	M4	3.2	15.8	31.8	77	23.05	4.0	41.0	125	37.5	105
24	40.9	M4	3.7	21.4	35.9	85	23.05	4.0	44.5	125	43.3	140
28	46.7	M5	3.7	21.4	39.7	85	24.05	4.0	50.8	125	48.0	160
32	53.4	M5	4.3	26.7	44.5	85	24.05	4.0	57.0	125	55.0	205
36	59.6	M5	4.3	31.7	49.2	105	24.05	4.0	63.5	135	58.0	270

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
	CRIMP CONTACTS
	Copper Alloy with Silver Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

VG95234 M
Straight Plug with EMI/RFI Backshell,
Grounding Fingers, Wire Sealing Grommet
and Heat Shrink Boot Lip



APPLICATION NOTES

- | | |
|---|---|
| 1. Straight plug connector with EMI backshell and boot adapter. | 4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065. |
| 2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information. | 5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory. |
| 3. Insert arrangements IAW VG95234. Please see pages 10-15. | 6. All dimensions are metric unless otherwise noted. |

VG95234 M
Straight Plug with Grounding Fingers,
EMI/RFI Backshell, Wire Sealing Grommet
and Heat Shrink Boot Lip

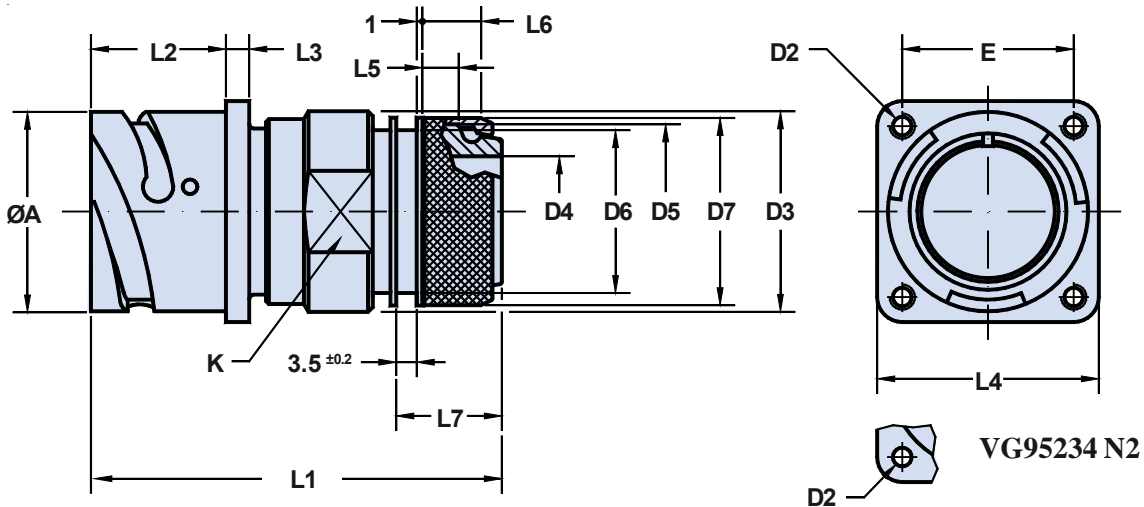
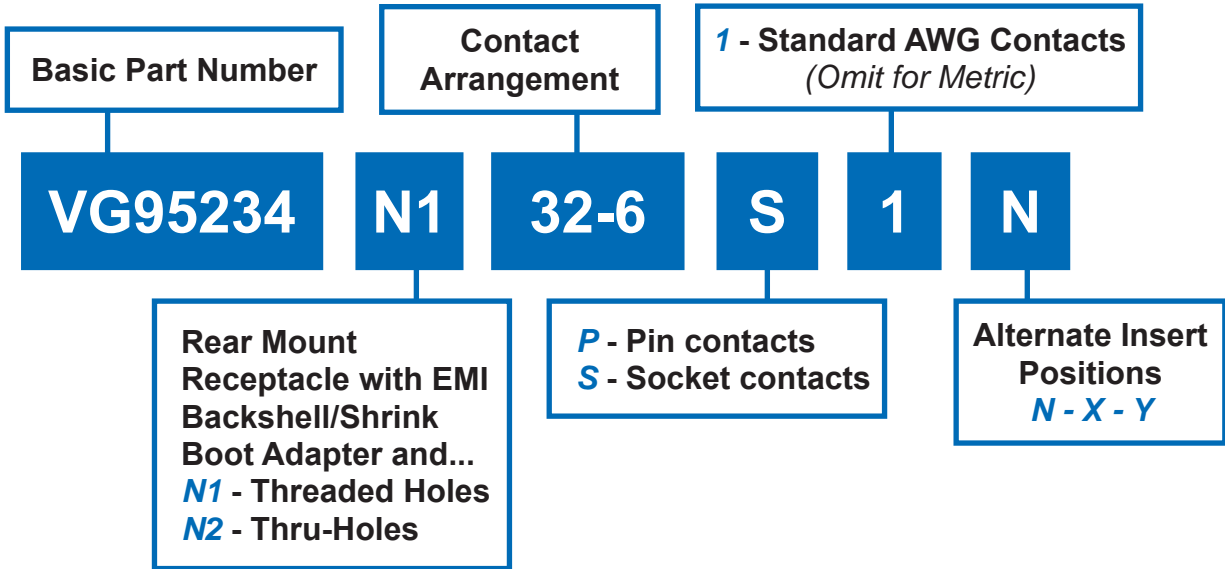


DIMENSIONS												
Shell Size	D1 Max	D3 Max	D4 Min	D5	D6 Max	D7 ±0.5	K Key	L1 Max	L5 Min	L6 +1 -0	L7 +1 -0	Weight gr. Max
10 SL	22.8	22	8.6	M16+1	16.3	18.5	20	55	4.5	7	17	40
14 S	29.2	25	10.6	M20+1	20.0	22.0	23	57	5.0	7	17	45
16 S	32.0	28	13.5	M23+1	23.0	25.0	26	60	6.0	8	18	55
16	32.0	28	13.5	M23+1	23.0	25.0	26	70	6.0	8	18	65
18	36.5	31	14.6	M26+1	24.5	28.0	38	70	6.0	10	18	75
20	39.9	35	18.5	M30+1	28.5	32.0	32	70	6.0	10	18	85
22	43.1	38	20.8	M32+1	30.5	34.0	36	70	6.0	10	18	100
24	46.6	41	24.6	M36+1	34.5	38.0	39	70	6.0	10	18	115
28	53.4	48	27.0	M39+1	37.5	41.0	46	70	6.0	10	18	130
32	60.1	54	33.3	M45+1	44.0	48.0	52	70	6.0	10	18	170
36	66.3	61	38.5	M52+1	51.0	55.0	58	80	6.0	10	18	190

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
Stainless Steel Coupling Pins	CRIMP CONTACTS
Stainless Steel Spring	Copper Alloy with Silver Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

VG95234 N1 and VG95234 N2
Wall Mount Receptacle
with EMI/RFI Backshell and Heat Shrink Boot Lip,
Sealing Grommet and Grounding Fingers



APPLICATION NOTES

1. Rear wall mount receptacle with EMI backshell and shrink boot adapter.
2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information.
3. Insert arrangements IAW VG95234. Please see pages 10-15.
4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065.
5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory.
6. All dimensions are metric unless otherwise noted.

VG95234 N1 and VG95234 N2
Wall Mount Receptacle
 with EMI/RFI Backshell and Heat Shrink Boot Lip,
 Sealing Grommet and Grounding Fingers



DIMENSIONS									
Shell Size	ØA +0 -0.15	D2		E ±0.1	L1 Max	L2 +0.4 -0	L3 ±0.2	L4 ±0.3	Weight gr. Max
		N1	N2 H13						
10 SL	18.2	M4	3.2	18.2	55	18.2	2.8	25.4	45
14 S	24.6	M4	3.2	23.0	58	18.2	3.2	30.0	55
16 S	27.4	M4	3.2	24.6	70	18.2	3.2	32.5	65
16	27.4	M4	3.2	24.6	70	21.5	3.2	32.5	75
18	30.8	M4	3.2	27.0	70	23.05	4.0	35.0	85
20	34.2	M4	3.2	29.4	70	23.05	4.0	38.0	95
22	37.4	M4	3.2	31.8	70	23.05	4.0	41.0	105
24	40.9	M4	3.7	35.9	70	23.05	4.0	44.5	120
28	46.7	M5	3.7	39.7	70	24.05	4.0	50.8	150
32	53.4	M5	4.3	44.5	75	24.05	4.0	57.0	190
36	59.6	M5	4.3	49.2	85	24.05	4.0	63.5	220

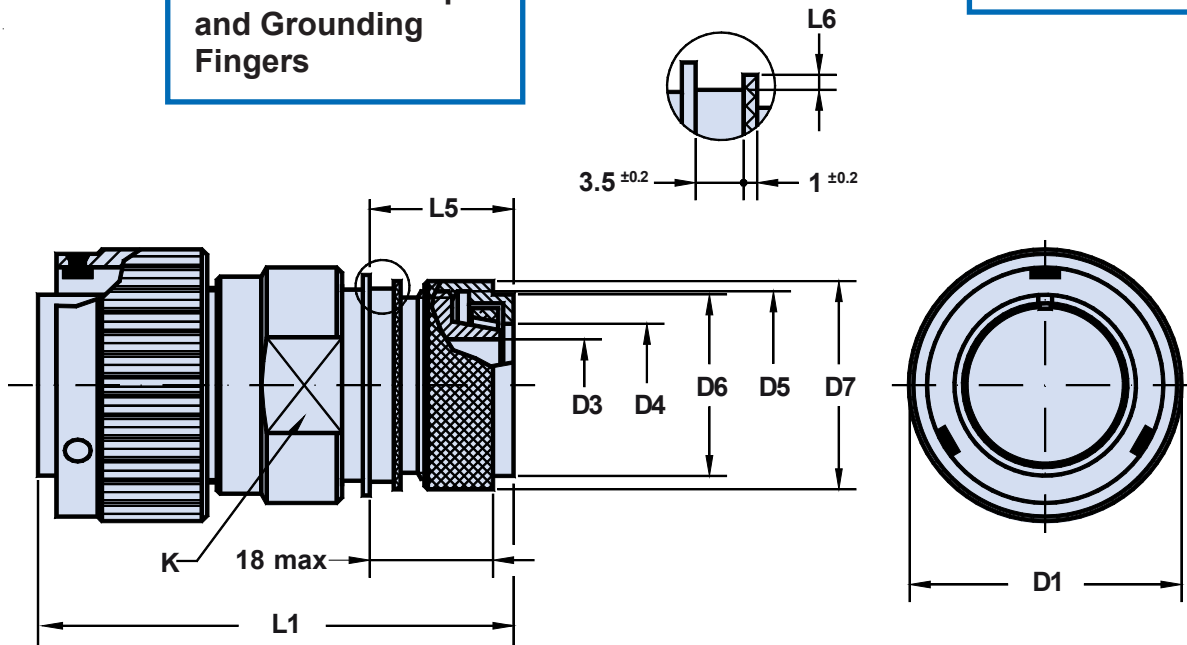
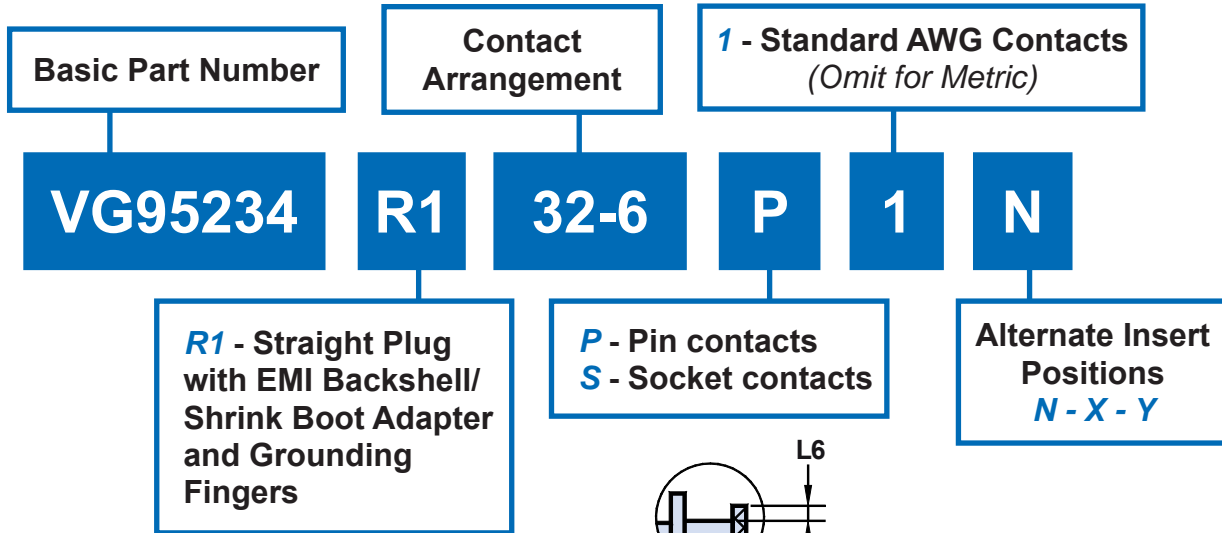
Please refer to VG95234M for dimensions D3, D4, D5, D6, D7, K, L5, L6 and L7.

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
CRIMP CONTACTS	
Copper Alloy with Silver Plating Over Nickel	

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

VG95234 R1

Straight Plug with Grounding Fingers, EMI / RFI Backshell and Shrink Boot Adapter



APPLICATION NOTES

1. Straight plug connector with grounding finger EMI/RFI backshell and wire sealing grommet.
2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information.
3. Insert arrangements IAW VG95234. Please see pages 10-15.
4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065.
5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory.
6. All dimensions are metric unless otherwise noted.

VG95234 R1
Straight Plug with Grounding Fingers,
EMI / RFI Backshell and Shrink Boot Adapter



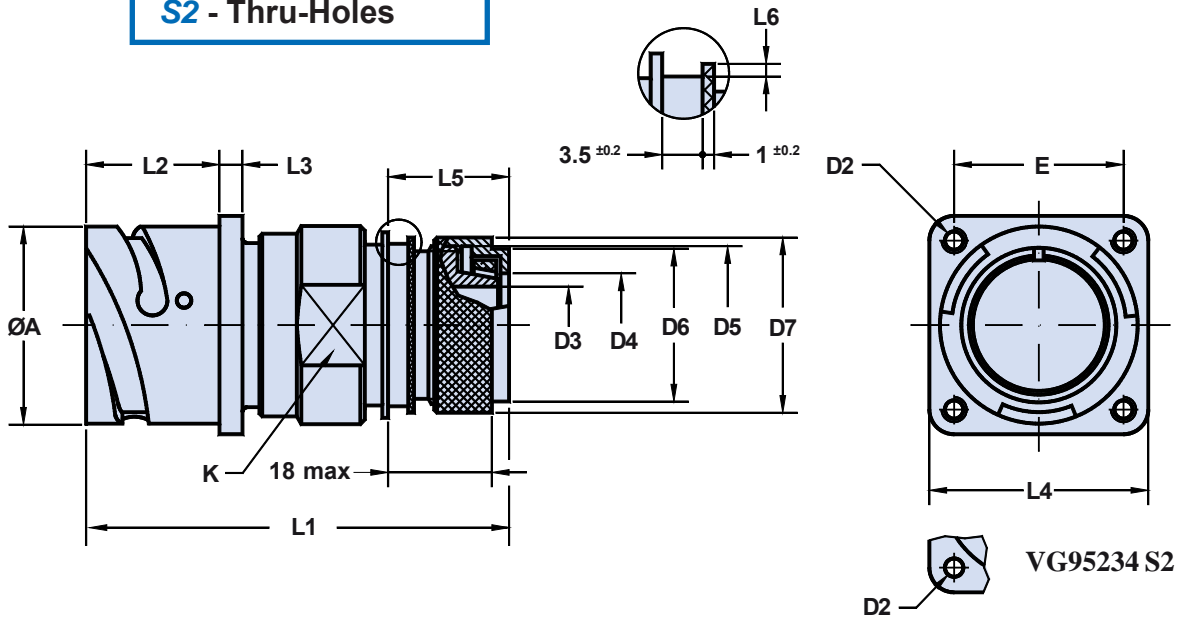
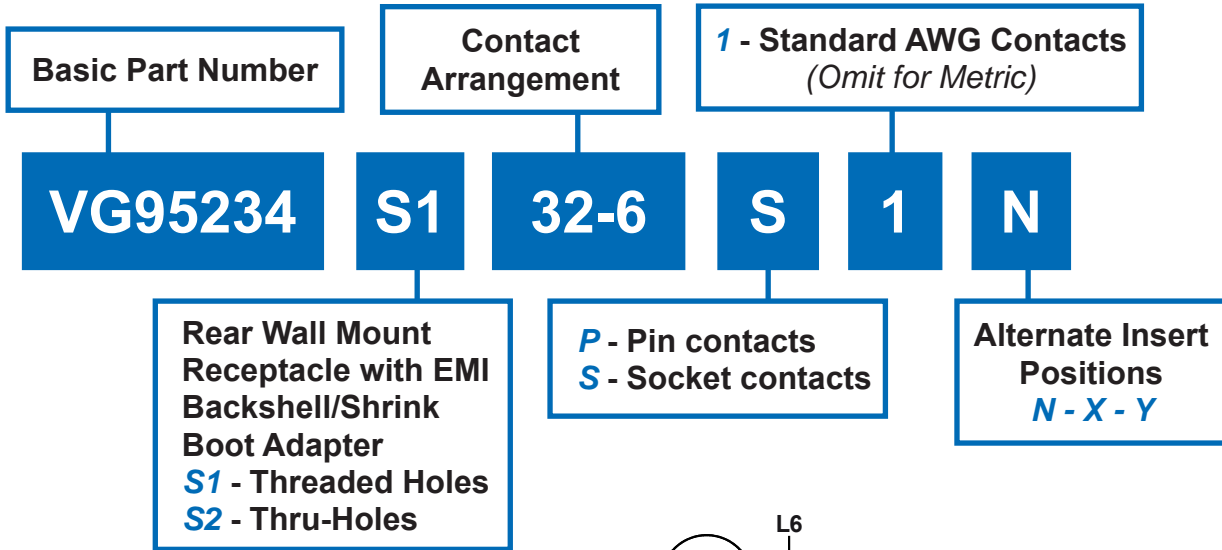
VG95234
Connectors

DIMENSIONS												
Shell Size	Useable Inserts	D1 Max	D3 +0.2 -0	D4 +0.4 -0	D5	D6 ±0.3	D7 ±0.3	K Key	L1 Max	L5 Max	L6 +0.2 -0	Weight gr. Max
14 S	14S-6	29.2	10.0	14.0	M20x1	21.0	23.5	23	57	21	1.1	50
16 S	16S-1	32.0	10.0	14.0	M20x1	21.0	23.5	26	57	21	1.1	60
18	18-1	36.5	12.2	16.0	M22x1	23.0	25.5	38	66	21	1.1	80
20	20-A48	39.9	13.4	18.0	M27x1	26.6	30.5	32	68	21	1.1	90
28	28-21	53.4	19.0	26.5	M35x1	37.5	41.5	46	75	26	1.9	135
32	32-A69	60.1	21.0	26.5	M35x1	37.5	41.5	52	79	26	1.9	175

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
Stainless Steel Coupling Pins	CRIMP CONTACTS
Stainless Steel Spring	Copper Alloy with Silver Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

VG95234 S1 and VG95234 S2
Rear Wall Mount Receptacle with EMI / RFI Backshell,
Dual-Lip Heat Shrink Boot Adapter



APPLICATION NOTES

- | | |
|---|---|
| 1. Rear wall mount receptacle with EMI backshell. | 4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065. |
| 2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information. | 5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory. |
| 3. Insert arrangements IAW VG95234. Please see pages 10-15. | 6. All dimensions are metric unless otherwise noted. |

VG95234 S1 and VG95234 S2
Rear Wall Mount Receptacle with EMI / RFI Backshell,
Dual-Lip Heat Shrink Boot Adapter



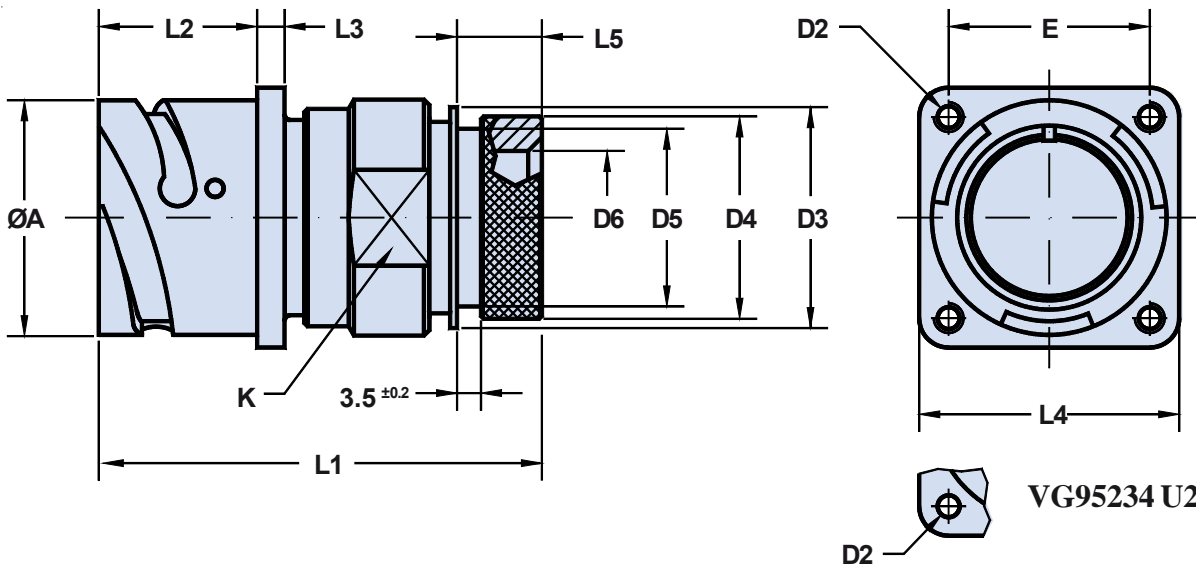
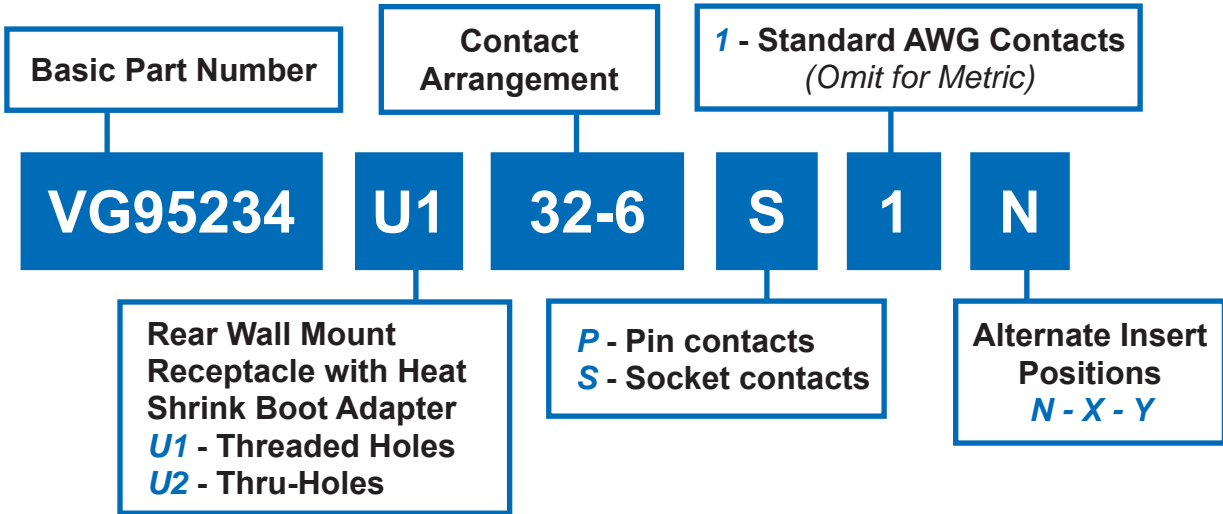
DIMENSIONS										
Shell Size	Useable Inserts	ØA +0 -0.15	D2		E ±0.1	L1 Max	L2 +0.4 -0	L3 ±0.2	L4 ±0.3	Weight gr. Max
			S1	S2 H13						
14 S	14S-6	24.6	M4	3.2	23.0	61	18.2	3.2	30.0	60
16 S	16S-1	27.4	M4	3.2	23.0	61	18.2	3.2	32.6	70
18	18-1	30.8	M4	3.2	24.6	70	23.05	4.0	35.0	80
20	20-A48	34.2	M4	3.2	24.6	72	23.05	4.0	38.0	90
28	28-21	46.7	M4	3.7	27.0	78	24.05	4.0	50.8	155
32	32-A69	53.4	M4	4.3	29.4	81	24.05	4.0	57.0	195

Please refer to VG95234R1 for dimensions D3, D4, D5, D6, D7, K, I5, and I6.

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
CRIMP CONTACTS	
	Copper Alloy with Silver Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good

**VG95234 U1 and VG95234 U2
Rear Wall Mount Receptacle
with Heat Shrink Boot Adapter and Sealing Grommet**



APPLICATION NOTES

1. Rear wall mount receptacle with heat shrink boot adapter.
2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information.
3. Insert arrangements IAW VG95234. Please see pages 10-15.
4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065.
5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory.
6. All dimensions are metric unless otherwise noted.

VG95234 U1 and VG95234 U2
Rear Wall Mount Receptacle
 with Heat Shrink Boot Adapter and Sealing Grommet



DIMENSIONS									
Shell Size	ØA +0 -0.15	D2		E ±0.1	L1 Max	L2 +0.4 -0	L3 ±0.2	L4 ±0.3	Weight gr. Max
		B1	B2 H13						
10 SL	18.2	M4	3.2	18.2	55	18.2	2.8	25.4	45
14 S	24.6	M4	3.2	23.0	70	18.2	3.2	30.0	53
16 S	27.4	M4	3.2	24.6	70	18.2	3.2	32.5	63
16	27.4	M4	3.2	24.6	70	21.5	3.2	32.5	73
18	30.8	M4	3.2	27.0	70	23.05	4.0	35.0	83
20	34.2	M4	3.2	29.4	70	23.05	4.0	38.0	93
22	37.4	M4	3.2	31.8	70	23.05	4.0	41.0	103
24	40.9	M4	3.7	35.9	70	23.05	4.0	44.5	118
28	46.7	M5	3.7	39.7	70	24.05	4.0	50.8	148
32	53.4	M5	4.3	44.5	75	24.05	4.0	57.0	188
36	59.6	M5	4.3	49.2	85	24.05	4.0	63.5	218

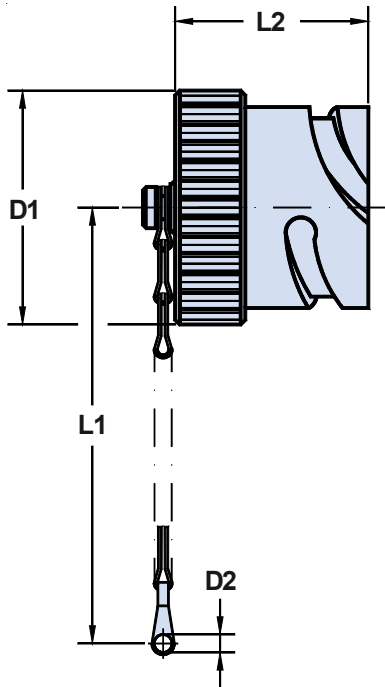
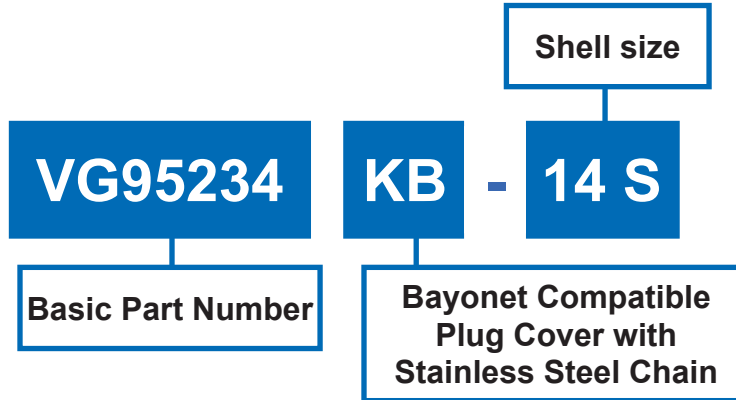
Please refer to VG95234G for dimensions D3, D4, D5, D6, D7, K and L5.

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
	CRIMP CONTACTS
	Copper Alloy with Silver Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good



VG95234 KB
Plug Protective Cover
With Stainless Steel Chain

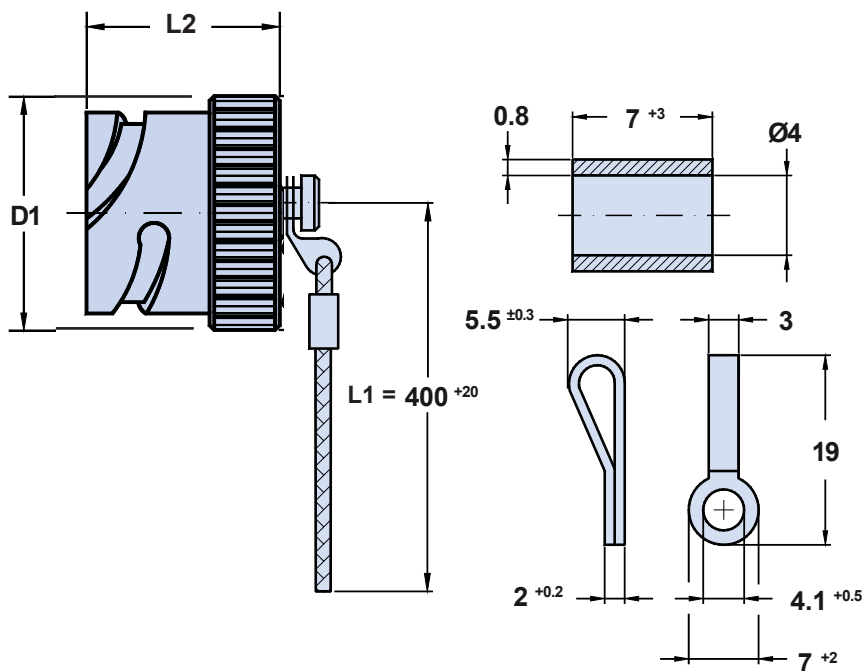
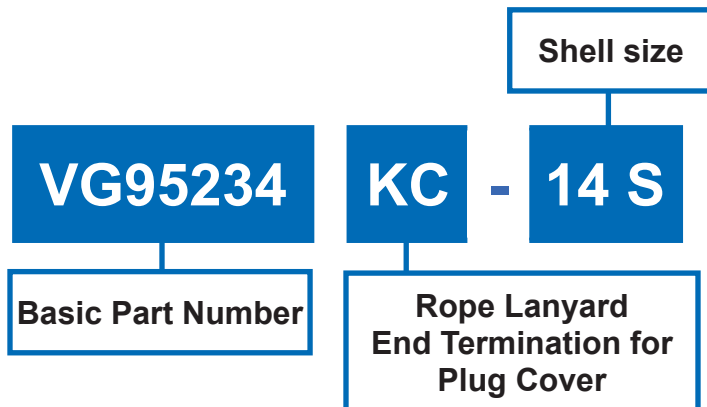


DIMENSIONS					
Connector Size	D1 Max	D2 +0.6 -0	L1 Min	L2 Max	Weight gr. Max
10 SL	21.0	4.3	90	29	19
14 S	27.5	4.3	100	29	26
16 S	30.0	4.3	100	29	28
16	30.0	4.3	115	37	33
18	33.5	4.3	115	37	36
20	37.0	4.7	130	37	43
22	40.0	4.7	130	37	47
24	43.5	4.7	130	37	53
28	49.5	4.7	190	37	63
32	56.0	5.5	190	37	75
36	62.5	5.5	190	37	88

APPLICATION NOTES

1. Metal protective cover for bayonet plug connectors with stainless steel chain.
2. Standard materials configuration consists of aluminum alloy with cadmium olive drab passivation IAW QQ-P-416.
3. Other types of front and rear connector accessories are available. See our website and/or contact the factory for complete information.

VG95234 KC
Plug Protective Cover
With Polyamide Black Rope

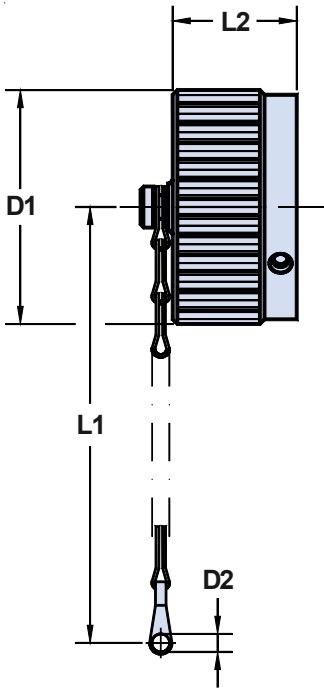
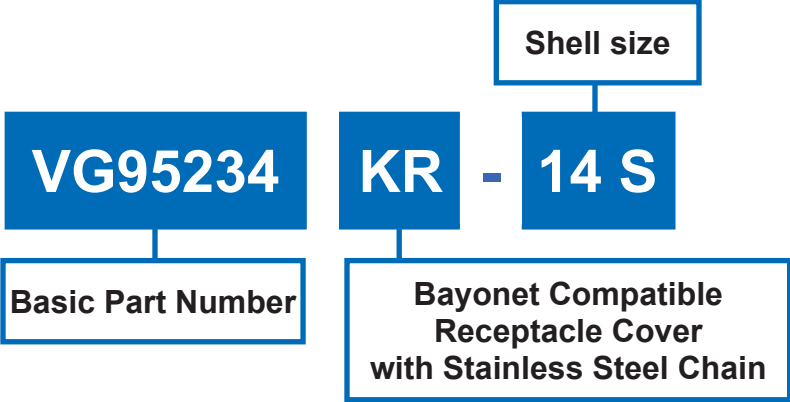


DIMENSIONS				
Connector Size	D1 Max	L1 Min	L2 Max	Weight gr. Max
10 SL	21.0	400	29	19
14 S	27.5	400	29	26
16 S	30.0	400	29	28
16	30.0	400	37	33
18	33.5	400	37	36
20	37.0	400	37	43
22	40.0	400	37	47
24	43.5	400	37	53
28	49.5	400	37	63
32	56.0	400	37	75
36	62.5	400	37	88

APPLICATION NOTES

1. Metal protective cover for bayonet plug connectors with polyamide black rope.
2. Standard materials configuration consists of aluminum alloy with cadmium olive drab passivation IAW QQ-P-416.
3. Other types of front and rear connector accessories are available. See our website and/or contact the factory for complete information.

VG95234 KR Receptacle Protective Cover With Stainless Steel Chain

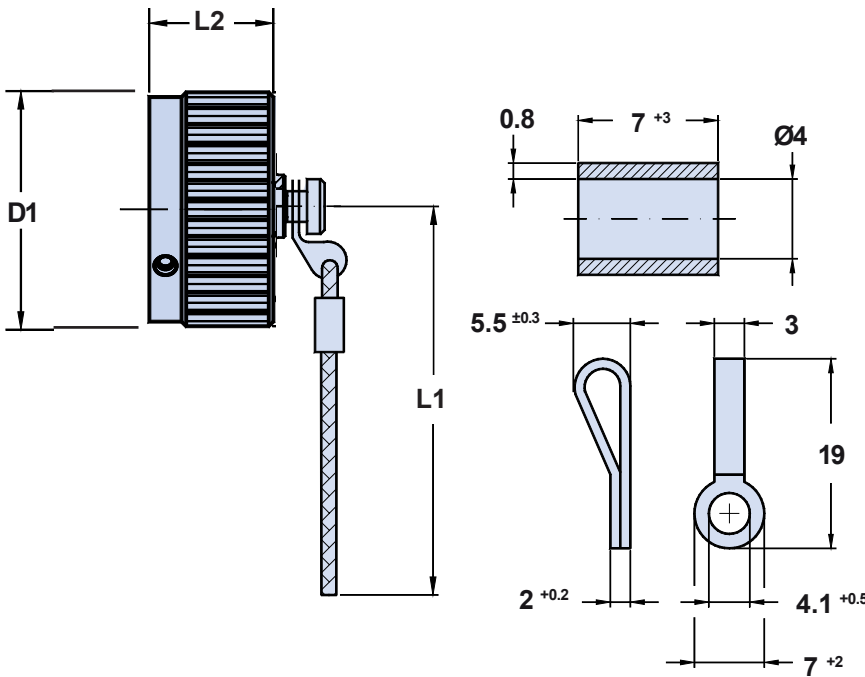
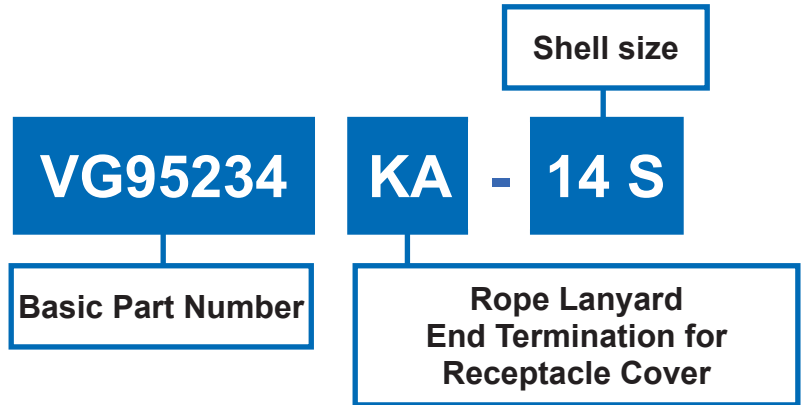


DIMENSIONS					
Connector Size	D1 Max	D2 +0.6 -0	L1 Min	L2 Max	Weight gr. Max
10 SL	23.5	4.3	90	15.5	16
14 S	30.5	4.3	90	15.5	18
16 S	33.0	4.3	90	15.5	19
16	33.0	4.3	100	21.2	23
18	37.5	4.3	100	21.2	27
20	41.0	4.7	115	21.2	30
22	44.0	4.7	115	21.2	33
24	47.5	4.7	115	21.2	37
28	54.5	4.7	160	21.2	42
32	61.0	5.5	160	21.2	48
36	67.5	5.5	160	21.2	55

APPLICATION NOTES

1. Metal protective cover for bayonet receptacle connectors with stainless steel chain.
2. Standard materials configuration consists of aluminum alloy with cadmium olive drab passivation IAW QQ-P-416.
3. Other types of front and rear connector accessories are available. See our website and/or contact the factory for complete information.

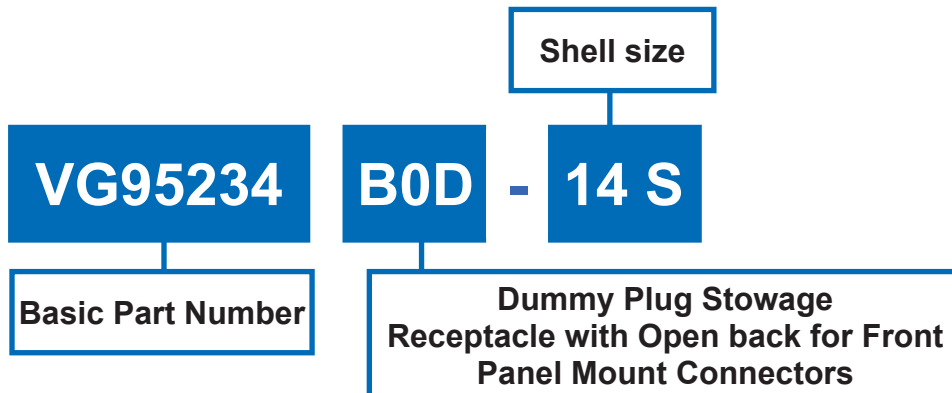
VG95234 KA
Receptacle Protective Cover
With Polyamide Black Rope



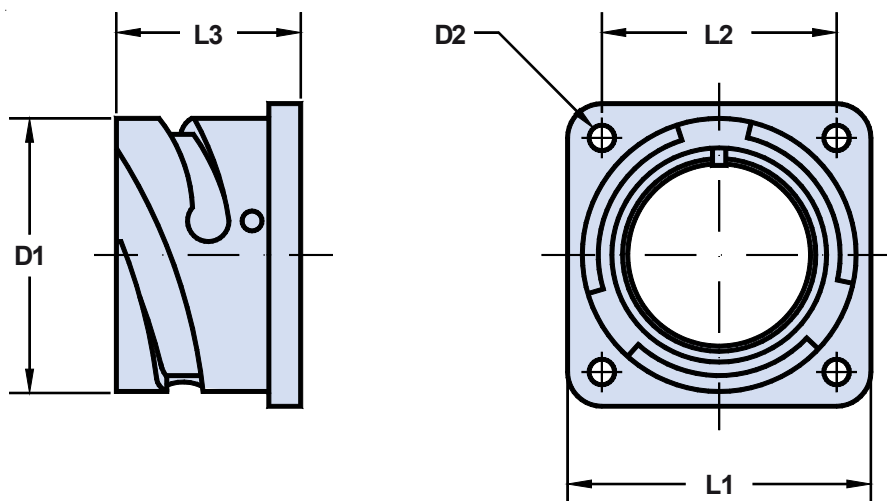
DIMENSIONS				
Connector Size	D1 Max	L1 Min	L2 Max	Weight gr. Max
10 SL	23.5	400	15.5	16
14 S	30.5	400	15.5	18
16 S	33.0	400	15.5	19
16	33.0	400	21.2	23
18	37.5	400	21.2	27
20	41.0	400	21.2	30
22	44.0	400	21.2	33
24	47.5	400	21.2	37
28	54.5	400	21.2	42
32	61.0	400	21.2	48
36	67.5	400	21.2	55

APPLICATION NOTES

1. Metal protective cover for bayonet receptacle connectors with polyamide black rope.
2. Standard materials configuration consists of aluminum alloy with cadmium olive drab passivation IAW QQ-P-416.
3. Other types of front and rear connector accessories are available. See our website and/or contact the factory for complete information.



DUMMY STORAGE RECEPTACLE



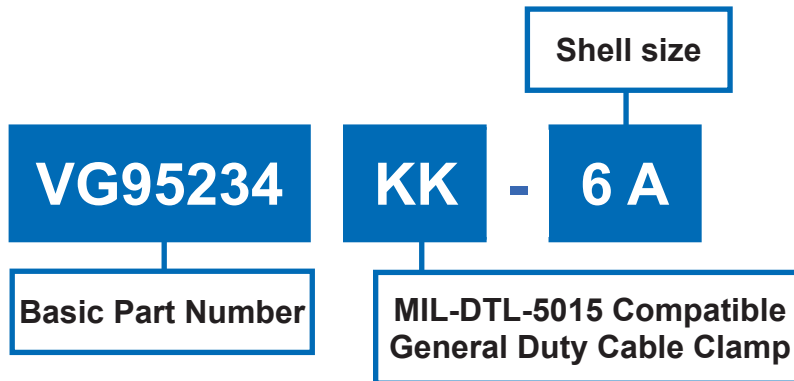
APPLICATION NOTES

1. Dummy receptacle stowage fitting protects the plug connector when not in use.
2. Standard materials configuration consists of aluminum alloy with cadmium olive drab passivation IAW QQ-P-416.
3. Other types of front and rear connector accessories are available. See our website and/or contact the factory for complete information.

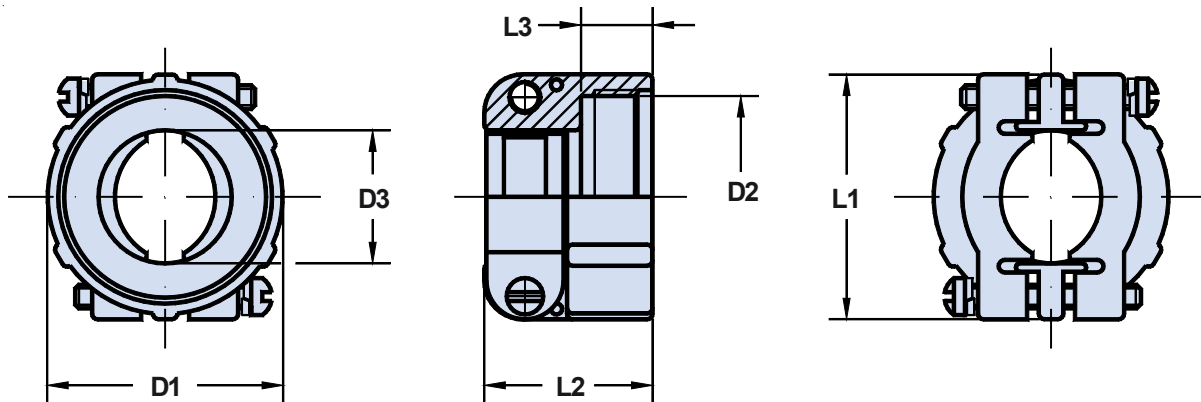
VG95234 B0D
Dummy Plug Stowage Receptacle
 with Open Back for Front Panel Mount Connectors



DIMENSIONS						
Shell Size	D1 +0 -0.15	D2 H13	L1 ±0.3	L2 ±0.1	L3 Max	Weight gr. Max
10 SL	18.2	3.2	25.4	18.2	17.5	14
14 S	24.6	3.2	30.0	23.0	18.0	16
16 S	27.4	3.2	32.5	24.6	18.0	18
16	27.4	3.2	32.5	24.6	23.5	23
18	30.8	3.2	35.0	27.0	23.5	26
20	34.2	3.2	38.0	29.4	23.5	32
22	37.4	3.2	41.0	31.8	23.5	36
24	40.9	3.7	44.5	34.9	25.5	41
28	46.7	3.7	50.8	39.7	25.5	52
32	53.4	4.3	57.0	44.5	27.0	66
36	59.6	4.3	63.5	49.2	27.0	80



GENERAL DUTY CLASS A CABLE CLAMP



APPLICATION NOTES

1. General duty Class A cable clamp suitable for jacketed or multipolar cable or wires protected by tubing.
2. Standard materials configuration consists of aluminum alloy with cadmium olive drab passivation IAW QQ-P-416.
3. Other types of front and rear connector accessories are available. See our website and/or contact the factory for complete information.

VG95234 KK
General Duty Class A Cable Clamp

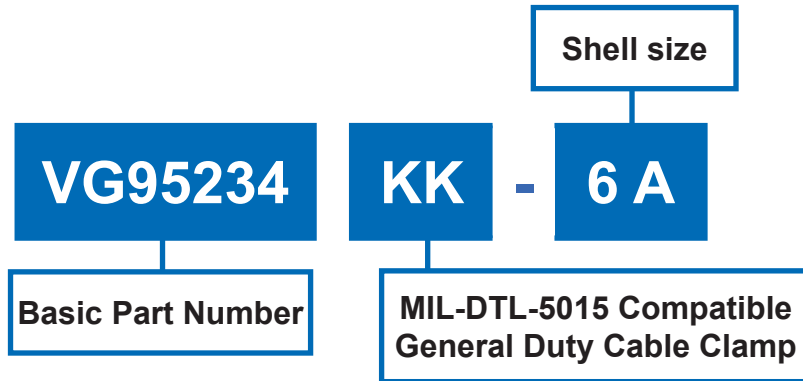


DIMENSIONS

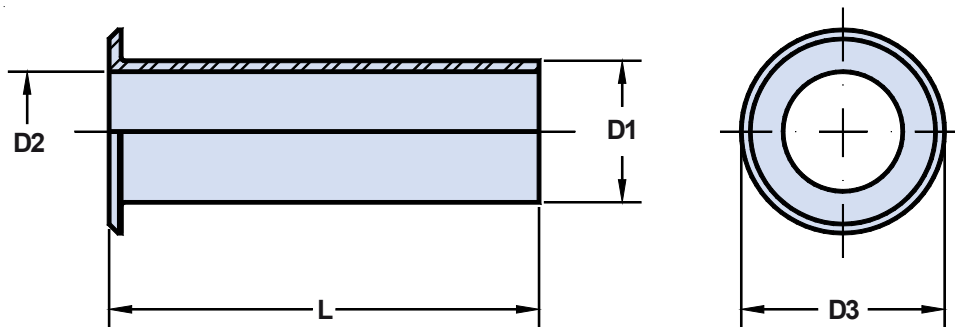
Part Number	Connector Size	Sleeve	D1 ±0.8	D2	D3 Max	L1 ±0.8	L2 ±0.8	L3	Weight gr. Max
VG95234 KK - 4A	10SL	VG95234 KT 10SL	20.63	0.6250-24UNEF	8.0	22.23	20.63	10.3	15
VG95234 KK - 6A	14S	VG95234 KT 14S	24.61	0.7500-20UNEF	11.2	26.98	22.23	10.3	20
VG95234 KK - 8A	16 - 16S	IT 3420 - 8	27.79	0.8750-20UNEF	14.3	29.36	23.83	10.3	25
VG95234 KK - 10A	18	IT 3420 - 10	30.18	1.0000-20UNEF	15.9	31.75	23.83	10.3	25
VG95234 KK - 12A	20 - 22	IT 3420 - 12	34.93	1.1875-18NEF	19.1	37.31	23.83	10.3	35
VG95234 KK- 16A	24 - 28	VG95234 KT 24	42.06	1.4375-18NEF	23.9	42.88	26.19	10.3	45
VG95234 KK - 20A	32	VG95234 KT 34	51.59	1.7500 - 18UNS	31.8	51.59.5	27.79	11.9	55
VG95234 KK - 24A	36	IT 3420 - 24	56.36	2.000 - 18UNS	35.0	57.94	29.36	13.5	75



VG95234 KT
Neoprene Bushing for Cable
 Used with General Duty Class A Cable Clamps



NEOPRENE BUSHING



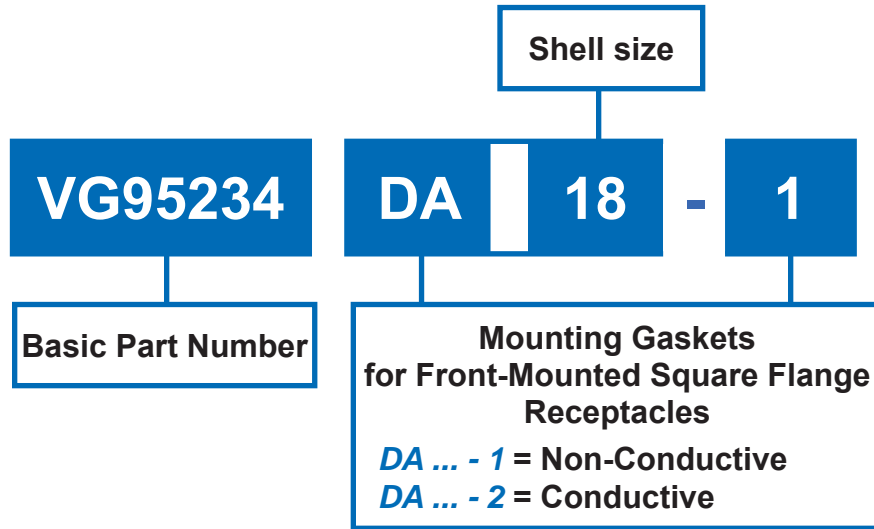
APPLICATION NOTES

1. Neoprene bushing for protection and reduction, used with Class A cable clamps.
2. Other types of front and rear connector accessories are available. See our website and/or contact the factory for complete information.

VG95234 KT
Neoprene Bushing for Cable
 Used with General Duty Class A Cable Clamps

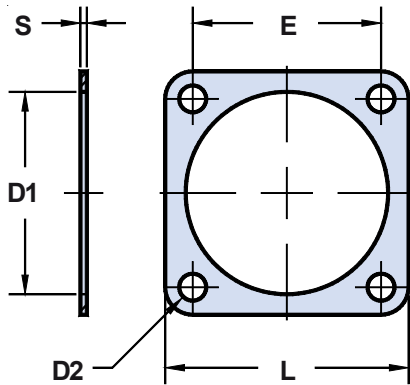


DIMENSIONS						
Connector Size	Part Number	D1 ±0.1	D2 ±0.1	D3 ±0.1	L ±0.1	Weight gr. Max
10SL	10-234 KT 10SL	8.00	6.60	10.0	69.8	3
14S	10-234 KT 14S	10.90	9.10	12.7	66.8	5
16 - 16S	IT 3420 - 8	14.02	11.09	18.8	63.5	6
18	IT 3420 - 10	15.62	14.27	22.6	60.3	4
20 - 22	IT 3420 -12	18.79	15.87	27.5	57.1	7
24 - 28	10-234 KT 24	23.60	21.50	33.3	53.9	13
32	10-234 KT 32	31.49	26.80	40.4	50.8	26
36	IT 3420 - 24	34.67	31.75	46.9	47.6	30

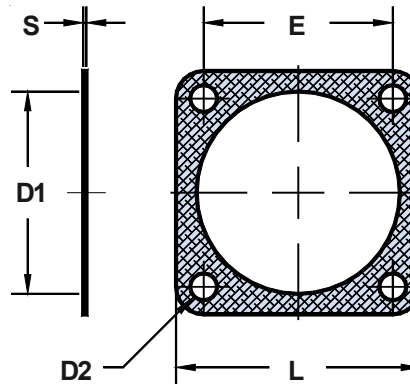


FRONT PANEL MOUNT RECEPTACLE GASKET

DA1 Non-Conductive



DA2 Conductive



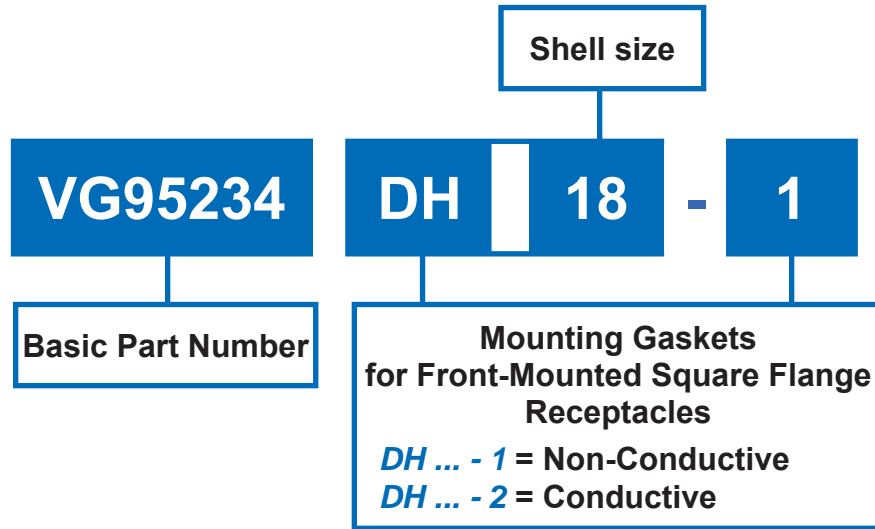
APPLICATION NOTES

1. Conductive and non-conductive gaskets for front-mount square flange receptacles.
2. Other types of front and rear connector accessories are available. See our website and/or contact the factory for complete information.

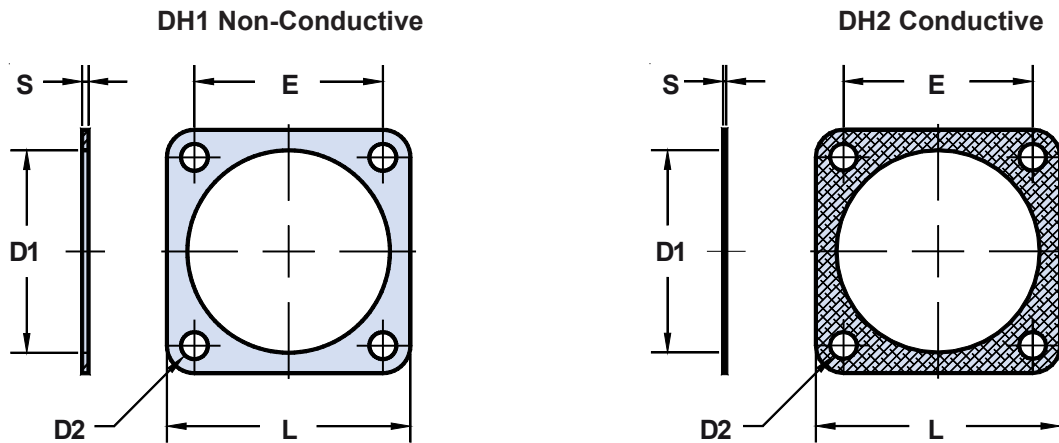
VG95234 DA1 and VG95234 DA2
Front Panel Mount Receptacle Gasket
 Non-Conductive (DA ... 1) and Conductive (DA ... 2)



DIMENSIONS								
Part Number	Shell Size	D1 +1 -0	D2 +0.5 -0	E ±0.2	L ±0.5	S		Weight gr. Max
						1 ±0.4	2 ±0.2	
VG95234 DA 10SL	10SL	15.7	4.2	18.2	24.4	1.0	0.5	2
VG95234 DA 14S	14S	22.1	4.2	23.0	30.0	1.0	0.5	2
VG95234 DA 16	16S - 16	25.3	4.2	24.6	32.5	1.0	0.5	2
VG95234 DA 18	18	28.4	4.2	27.0	35.0	1.0	0.5	2
VG95234 DA 20	20	31.6	4.2	29.4	38.0	1.0	0.5	2
VG95234 DA 22	22	34.8	4.2	31.8	41.0	1.0	0.5	2
VG95234 DA 28	28	44.3	5.1	39.7	50.8	1.0	0.5	2
VG95234 DA 32	32	50.7	5.1	44.5	57.0	1.0	0.5	2
VG95234 DA 36	36	57.0	5.1	49.2	63.5	1.0	0.5	2



REAR PANEL MOUNT RECEPTACLE GASKET



APPLICATION NOTES

1. Conductive and non-conductive gaskets for rear panel-mount square flange receptacles.
2. Other types of front and rear connector accessories are available. See our website and/or contact the factory for complete information.

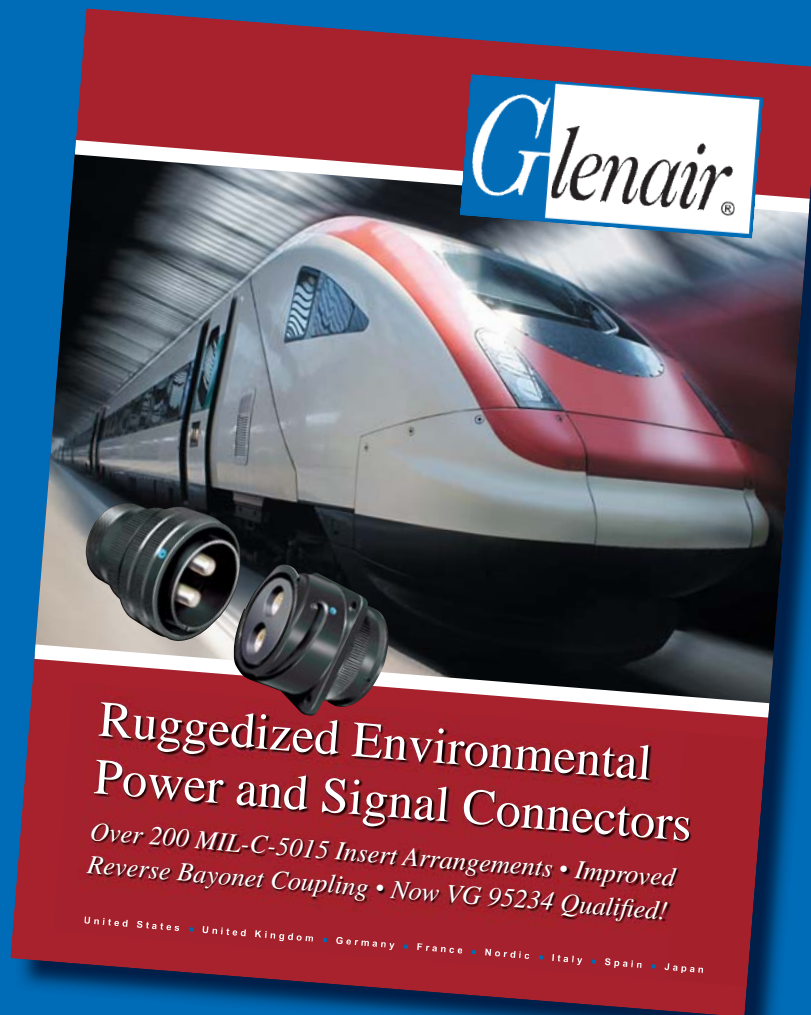
VG95234 DH1 and VG95234 DH2
Rear Panel Mount Receptacle Gasket
 Non-Conductive (DH ... 1) and Conductive (DH ... 2)



DIMENSIONS								
Part Number	Shell Size	D1 +0.3 -0	D2 +0.5 -0	E ±0.2	L ±0.5	S		g Max
						1 ±0.4	2 ±0.2	
VG95234 DH 10SL	10SL	18.2	4.2	18.2	24.4	1.0	0.5	2
VG95234 DH 14S	14S	24.6	4.2	23.0	30.0	1.0	0.5	2
VG95234 DH 16	16S - 16	27.4	4.2	24.6	32.5	1.0	0.5	2
VG95234 DH 18	18	30.8	4.2	27.0	35.0	1.0	0.5	2
VG95234 DH 20	20	34.2	4.2	29.4	38.0	1.0	0.5	2
VG95234 DH 22	22	37.4	4.2	31.8	41.0	1.0	0.5	2
VG95234 DH 24	24	40.9	4.2	34.9	44.5	1.0	0.5	2
VG95234 DH 28	28	46.7	5.1	39.7	50.8	1.0	0.5	2
VG95234 DH 32	32	53.4	5.1	44.5	57.0	1.0	0.5	2
VG95234 DH 36	36	59.6	5.1	49.2	63.5	1.0	0.5	2

Product Line Overview.....	1	VG95234 M Straight Plug with EMI/RFI Backshell, Grounding Fingers, Wire Sealing Grommet and Heat Shrink Boot Lip.....	36
Applications.....	2	VG95234 N1 and N2 Wall Mount Receptacle with EMI/RFI Backshell and Heat Shrink Boot Lip, Sealing Grommet & Grounding Fingers.....	38
Available Components.....	3	VG95234 R1 Straight Plug w/ EMI/RFI Backshell, Grounding Fingers, Wire Sealing Grommet and Dual-Lip Shrink Boot Adapter.....	40
Crimp Contact Connector Cross Reference.....	4	VG95234 S1 and S2 Wall Mount Receptacle with EMI/RFI Backshell, Dual-Lip Heat Shrink Boot Adapter, Sealing Grommet and Grounding Fingers.....	42
Crimp Contact Connector Technical Data.....	5	VG95234 U1 and U2 Wall Mount Receptacle with Heat Shrink Boot Adapter and Sealing Grommet.....	44
Master How to Order.....	6	VG95234 KB Protective Plug Cover with Stainless Steel Chain.....	46
Commercial Equivalent Product Line.....	7	VG95234 KC Rope Lanyard End Termination for KB PLug Cover.....	47
Pin Contact Arrangements.....	8	VG95234 KR Protective Receptacle Cover with Stainless Steel Chain.....	48
Contact Arrangements and Alternate Keyway Positions.....	9	VG95234 KA Rope Lanyard End Termination for KR Receptacle Cover.....	49
Contact Arrangements Front View.....	10	VG95234 B0D Dummy Plug Stowage Receptacle with Open Back for Front Panel Mount Connectors.....	50
Pin Contacts.....	14	VG95234 KK General Duty Class A Cable Clamp.....	52
Socket Contacts.....	15	VG95234 KT Neoprene Bushing for Cable used with General Duty Class A Cable Clamps.....	54
VG95234 A Front Panel Wall Mount Receptacle.....	16	VG95234 DA1 and DA2 Front Panel Mount Receptacle Gasket, Non-Conductive (DA1), Conductive (DA2).....	56
VG95234 B1 and B2 Rear Panel Wall Mount Receptacle.....	18	VG95234 DH1 and DH2 Rear Panel Mount Receptacle Gasket, Non-Conductive (DH1), Conductive (DH2).....	58
VG95234 C1 and C2 Bulkhead Feed-Thru Receptacle.....	20		
VG95234 D Straight Plug with Cable Clamp, Bushing and Wire Sealing Grommet.....	22		
VG95234 E 90° Plug with Cable Clamp, Bushing and Wire Sealing Grommet.....	24		
VG95234 E1 and K 90° Plug with Conduit Adapter (E1) and Grounding Fingers (K).....	26		
VG95234 F In-Line Receptacle with Cable Clamp, Bushing and Wire Sealing Grommet.....	28		
VG94234 G and T Straight Plug with Heat Shrink Boot Adapter (G), Grounding Fingers (T), and Wire Sealing Grommet.....	30		
VG95234 H and VG95234 L Straight Plug with Conduit Adapter (H) and Grounding Fingers (L).....	32		
VG95234 J1 and J2 Wall Mount Receptacle with Cable Clamp, Bushing & Wire Sealing Grommet, Threaded (J1) and Thru-Holes (J2).....	34		

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