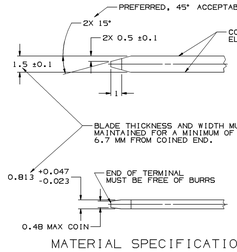


MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, EXTRA SPRING TEMPER

PLATING - 0.005±0.0025 MM THICK TIN

MINIMUMS

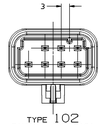
ELECTRICAL CONDUCTIVITY - ≥20% IACS AT 20°C; USE OF A MATERIAL WITH CONDUCTIVITY <20% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

TENSILE STRENGTH - 407 MPa

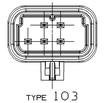
PLATING - FOR LOW ENERGY (≤5v) AND NON-PASSENGER COMPARTMENT POWER CIRCUITS, 0.0050±0.0025 MM THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0050±0.0025 MM THICK IS REQUIRED.

MATING BLADE INFORMATION

SCALE 8:1



TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN
SCALE 2:1



TYPE 103
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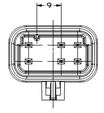
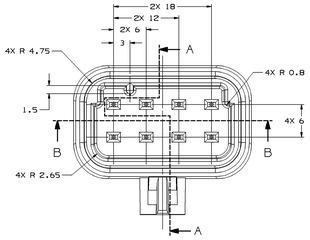
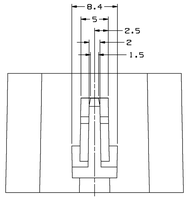
EXCEPT AS SHOWN
SCALE 2:1

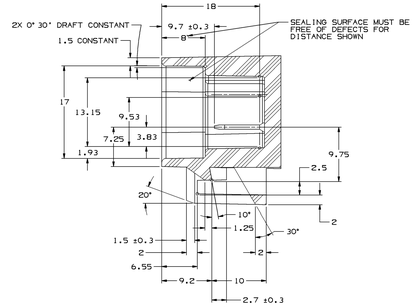


TYPE 104
SAME AS TYPE 101
EXCEPT AS SHOWN
SCALE 2:1

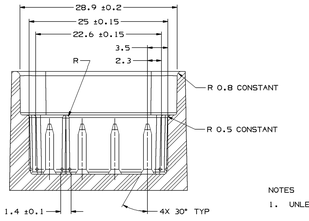


TYPE 101 & 105





SECTION A-A



SECTION B-B

MATING PART INFORMATION

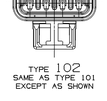
SCALE 4:1

NOTES

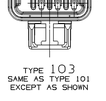
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

2. RECOMMENDED MATERIAL: GLASS FILLED NYLON OR POLYESTER.
3. TERMINAL MUST WITHSTAND A MINIMUM PUSHOUT FORCE OF 89 N (20 LBS).
4. WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FROM PACKARD ELECTRIC.



TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



TYPE 103
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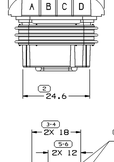
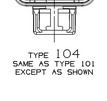
EXCEPT AS SHOWN





TYPE 104
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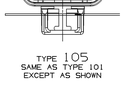
EXCEPT AS SHOWN



TYPE 105
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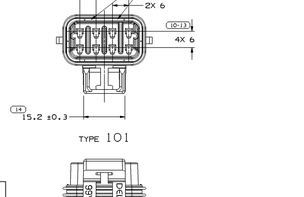
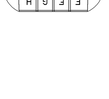
EXCEPT AS SHOWN



TYPE 101



OPTIONAL CONSTRUCTION
ALL TYPES

NOTES

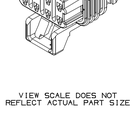
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

2. WHEN PARTS ARE SHIPPED, THEY MUST BE PACKED IN PLASTIC BAGS OR SHIPPING CONTAINERS MUST BE LINED WITH PLASTIC LINERS. BAGS OR LINERS MUST BE SEALED TO AVOID ENTRY OF FOREIGN MATTER.
3. SEALING CODE 3 - DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-644 (WEATHER-PACK), ESA-710 (METRI-PACK), ESA-650 (UNDERHOOD MICRO-PACK), C-4006 (WORLD CONNECTOR), ETC WHEN MATED TO MATING PART OR EQUIVALENT
4. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:

   CAVITIES TO ACCEPT 12048074 TERMINAL
   CABLE SEAL 12048086
   CONNECTOR POSITION ASSURANCE LOCK 12020833
   TERMINAL POSITION ASSURANCE LOCK 12066304

5. SEE CABLE SEAL AND SECONDARY LOCK DRAWINGS FOR COMPATIBLE CABLE O.D. RANGE.
6. MINIMUM RETENTION OF PERIPHERAL SEAL TO CONNECTOR IS 4.1 N.
7. SILICONE T-76 ADHESIVE OR EQUIVALENT TO BE APPLIED TO THIS ASSEMBLY FOR THE PURPOSE OF MAINTAINING SEAL POSITION, AND INSURING THAT MINIMUM RETENTION VALUE OF SEAL TO CONNECTOR IS ACHIEVED, SEE GRAPHICS FOR PREFERRED LOCATIONS OF ADHESIVE APPLICATION. THE APPLICATION OF ADHESIVE IS DESIGNATED BY "●" IN THE TABLE.



VIEW SCALE DOES NOT REFLECT ACTUAL PART SIZE

PART NO	REV	N/P	STATUS	TYPE	NO OF CAVITIES	CAVITIES BLOCKED	CONNECTOR BODY PART NO	CONNECTOR BODY COLOR	CONNECTOR SEAL PART NO	CONNECTOR SEAL COLOR	MATING PART	ADHV	NOTES	REPLACED BY
15324167	A	-	OBSOLETE	103	5	A,D,H	15324168	BLK	15324169	BRIGHT RED	15324170	-	1-8	-
12124647	B2	-	-	105	4	A,D,E,H	12124017	BRN	12047939	TAN	A.B.S. MODULE	-	1-8	-
12124013	D	-	OBSOLETE	105	4	A,D,E,H	12124017	BRN	12047939	TAN	12047931, GM A.B.S. MODULE	●	1-10	12124647
12092494	B3	-	OBSOLETE	104	6	C,F	12092493	CRM	12047939	TAN	12047931, GM D.I.S. MODULE	-	1-8	-
12052500	B6	-	-	103	5	A,D,H	12052499	GRA MD	12047939	TAN	12052480, GM D.I.S. MODULE	-	1-8	-
12047938	B6	-	-	102	7	D	12047934	GRA LT	12047939	TAN	12047931, GM D.I.S. MODULE	-	1-8	-
12047937	B6	-	-	101	8	NONE	12047932	BLK	12047939	TAN	12047931, GM D.I.S. MODULE	-	1-8	-

SYMBOL DEFINITION		MISSING NUMBERS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (□) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON AN INDIVIDUAL COMPONENT DRAWING	TOTAL NO. OF SYMBOLS ON DRAWING 16	
	LAST NO. USED 22	

DWG STATUS DATE	STA	REV	N/P	DHR	ZONE	REVISION HISTORY	AUTH	DR	APVD	APVD 2
28FE01	R	01	-	-	-	ALL ACTIVE PARTS - REDRAWN TO PD	207269	JLZ	JVP	DMC
130CT5	R	02	-	-	-	12092493 - CONN BODY COLOR WAS NATURAL	273384	MDH	JVM	CST M
12MR07	R	03	-	-	-	12124647, 12052600, 12047938 & 12047937 - UPDATED PDM ATTRIBUTES; 12092494 - OBSOLETE	400766	RTV	JAK	JBS

DELPHI
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OH

DWG TYPE: PART DRAWING
STYLE
VOLUME (CM³)
SIZE: D

UNLESS OTHERWISE SPECIFIED
THIS DRAWING IS IN ACCORDANCE WITH ASME Y14.100-1998 AS INTERPRETED BY THE DELPHI SUBDIVISION CODE
THIS DOCUMENT IS THE PROPERTY OF DELPHI AND MAY NOT BE REPRODUCED OR DISTRIBUTED WITHOUT WRITTEN PERMISSION OF DELPHI OR ANY OF ITS SUBSIDIARIES OR SYSTEM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

CAGE	DATE
DR: H. BALDWIN	02NO87
APVD1: R. HESION	10NO87
APVD2: R. PETROSKY	13NO87
APVD3	
APVD4	
APVD5	

SUBSTANCES OF CONCERN: NO RECYCLED CONTENT PER DELPHI (2MH50).

SIZE: CHART

DRAWING NAME: TAXI ASM CONN F M/P 150 SLD

DRAWING NUMBER: 12077523

SIZE	SCALE	FORMAT	SHEET	SHEETS	REV	N/P
A1x3	2:1	2 OF 2	1 OF 1	R	03	-

(●) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS, NOT AS TOLERANCE LIMITS AND ESTABLISHED

±1 MICROMETER	±2	±5	±10	±20	±50	±100	±200	±300	±500	±1000
FIELD	±2	±5	±10	±20	±50	±100	±200	±300	±500	±1000
FIX	±5	±10	±20	±50	±100	±200	±300	±500	±1000	±2000

TOLERANCE UNLESS OTHERWISE SPECIFIED
(±0.15) (±0.4) (±1) (±2) (±5) (±10) (±20) (±50) (±100) (±200)
GENERAL TOLERANCE ±0.1

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

DELPHI

ISO\12523