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Product Specification

Material

Insulator :Glass-Filled Thermoplastic PBT, UL94V-0 rates

Contact :Brass or Phosphor Bronze
Plated full gold or selected gold in mating area, 100u" min. tin plated on termination area, with entire contact under-plated 50u" min. Nickel

Electrical

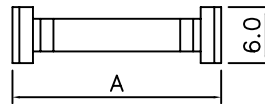
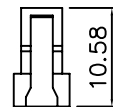
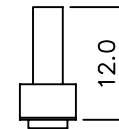
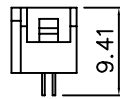
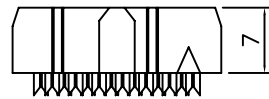
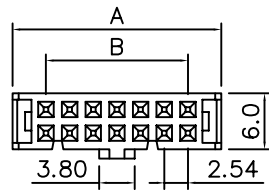
Contact Resistance :20 milliohms
Max at 1 AMP DC.

Insulation Resistance :5000 megohms at 500 VDC

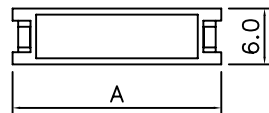
Dielectric Withstanding Voltage :
500 VAC/rms 60Hz for 1 minute

Current Rating :3 AMP

Volatge Rating :250 VAC/rms 60Hz



Strain Relief



T812 X XX XX XX C EU

IDC Socket:
2.54mm Pitch

Housing Color
0: Grey
1: Black

No of Positions:
06: 6 positions
:
:
64: 64 positions

Plating Options:
A1: Flash Gold
A2: 15u"/0,4um Gold
A3: 30u"/0,8um Gold
SN: Tin

EU: RoHS
Compliant
C: Fixed Index

Variation Code:
00: W/O Strain Relief
01: With Strain Relief

Dimensions

Positions	A	B
6	12.16	5.08
8	14.74	7.62
10	17.27	10.16
12	19.85	12.70
14	22.40	15.24

Positions	A	B
34	47.80	40.64
36	50.29	43.18
40	55.37	48.26
44	60.56	53.34
50	68.18	60.96

Positions	A	B
16	24.94	17.78
20	30.00	22.86
24	35.10	27.94
26	37.59	30.48
30	42.66	35.56

Positions	A	B
56	75.74	68.58
60	80.80	73.66
62	83.35	76.20
64	85.90	78.74



TOLERANCE (mm)	APPROVALS	DATE	TITLE	AMPHENOL Amphenol European Design Center	
X. ±0.3	DRAWN Roger	29/Nov/2006	IDC Socket	Scale N.A.	Sheet 1 of 1
X.X ±0.2	CHECKED Eric.	30/Nov/2006			
X.XX ±0.15	APPROVED Rob K.	01/Dec/2006			
UNLESS OTHERWISE SPECIFIED	UNIT:	SIZE:	DRAWING N°	T812 Series	
					REV. B