



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Customer Information Sheet

DRAWING No.: M80-850XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:
 MOULDING = POLYAMIDE 46 UL94V-0, BLACK
 CONTACTS = BERYLLIUM COPPER

FINISH:
 CONTACTS (ALL OVER NICKEL):
 01 = 0.3µ GOLD CLIP, 3.5µ 90/10 TIN/LEAD SHELL
 45 = 0.30µ GOLD CLIP, 0.28µ GOLD SHELL
 42 = 0.30µ GOLD CLIP, 4.0µ 100% TIN SHELL

ELECTRICAL:
 CURRENT RATING (25°C) = 3.0A MAX.
 CURRENT RATING (85°C) = 2.2A MAX.
 WORKING VOLTAGE = 800V AC/DC
 VOLTAGE PROOF = 1200V AC/DC

CONTACT RESISTANCE:
 INITIAL = 20 mΩ MAX.
 AFTER CONDITIONING = 25 mΩ MAX.

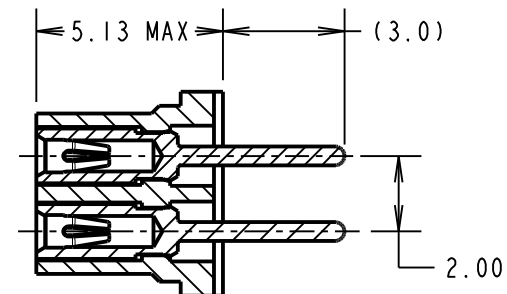
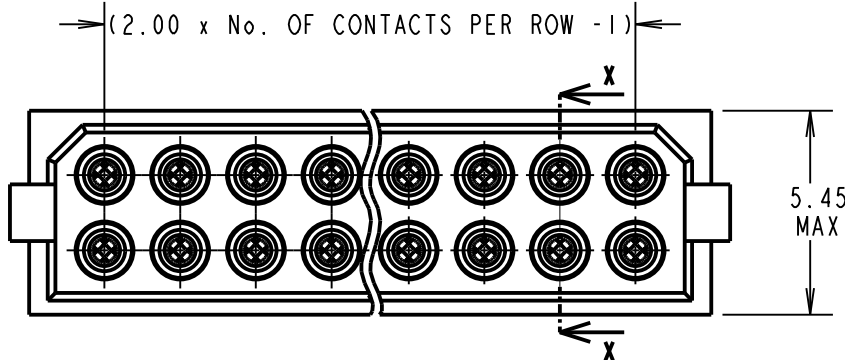
INSULATION RESISTANCE:
 INITIAL = 1000 MΩ MIN.
 AFTER CONDITIONING = 100 MΩ MIN.

MECHANICAL:
 DURABILITY = 500 OPERATIONS
 INSERTION FORCE (∅0.5mm GAUGE) = 2N MAX
 WITHDRAWAL FORCE (∅0.5mm GAUGE) = 0.2N MIN

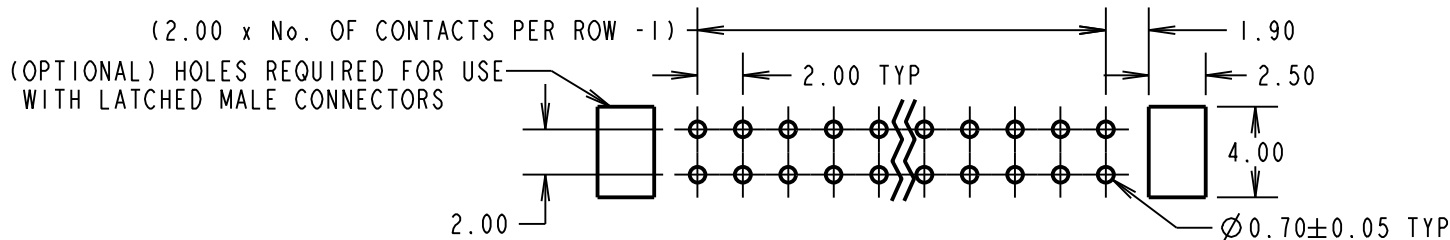
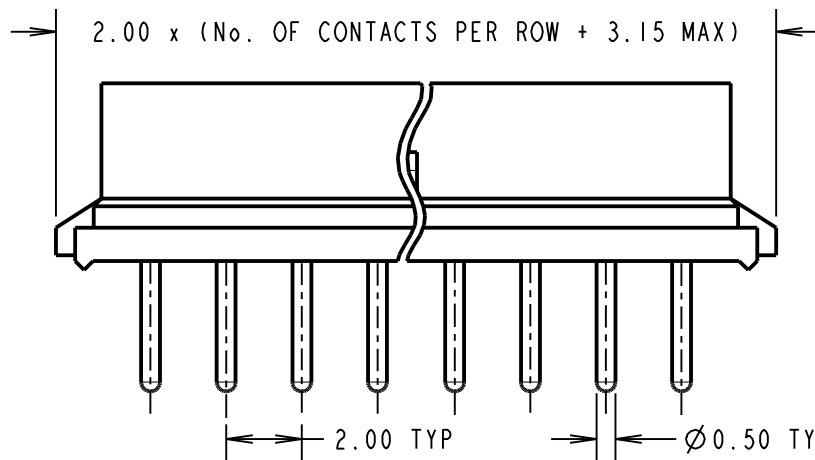
ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C

PACKING:
 TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



SECTION X-X



ORDER CODE:
M80-850XXXX

TOTAL No. OF WAYS _____
 04, 06, 08, 10, 12, 14, 16,
 18, 20, 26, 34, 44

FINISH: _____
 01 = TIN/LEAD SHELL, GOLD CLIP
 45 = GOLD SHELL, GOLD CLIP
 42 = 100% TIN SHELL, GOLD CLIP

MSP	11	27.05.15	12793
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		I. SANDY	
CUSTOMER REF.:			
ASSEMBLY DRG:			



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TOLERANCES
 X. = ±1mm
 X.X = ±0.50mm
 X.XX = ±0.10mm
 X.XXX = ±0.01mm

ANGLES = ±5°
 UNLESS STATED

MATERIAL:
 SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE DIL VERTICAL PC TAIL SOCKET ASSEMBLY (RoHS)

DRAWING NUMBER: M80-850XXXX

SHT 2 OF 2