

Customer Information Sheet

DRAWING No.: M80-850XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

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 (Ø0.5mm GAUGE) = 2N MAX

WITHDRAWAL FORCE (Ø0.5mm GAUGE) = 0.2N MIN

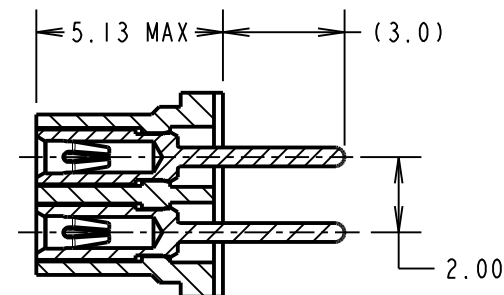
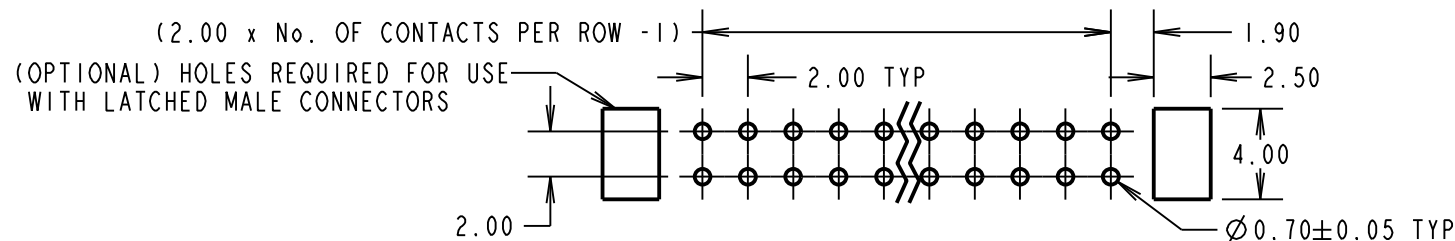
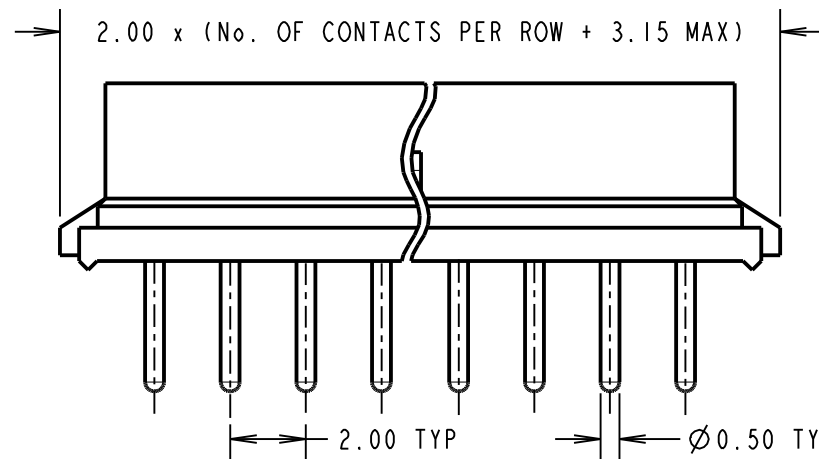
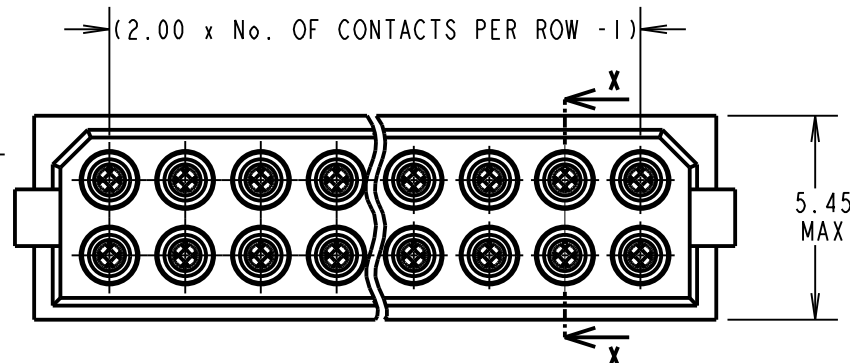
ENVIRONMENTAL:

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

HARWIN

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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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

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