

Customer Information Sheet

DRAWING No.: M80-850XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

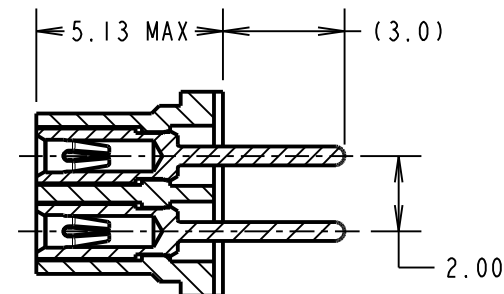
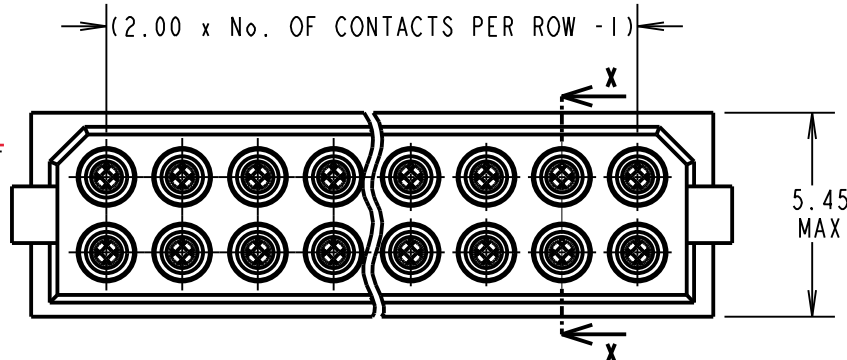
ALL DIMENSIONS IN mm

SPECIFICATIONS:

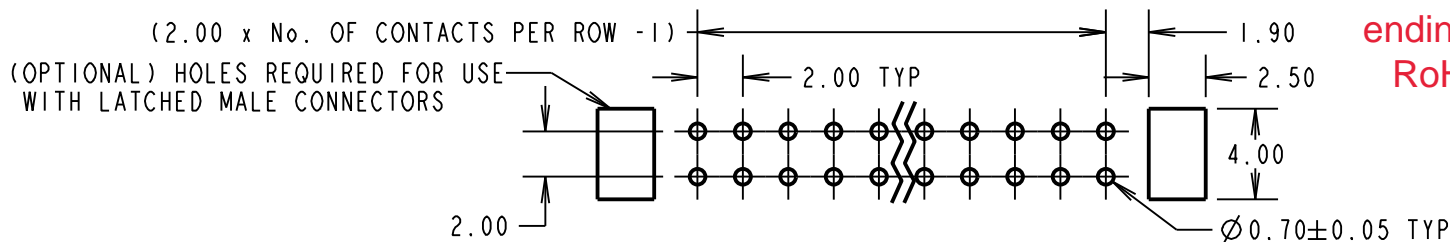
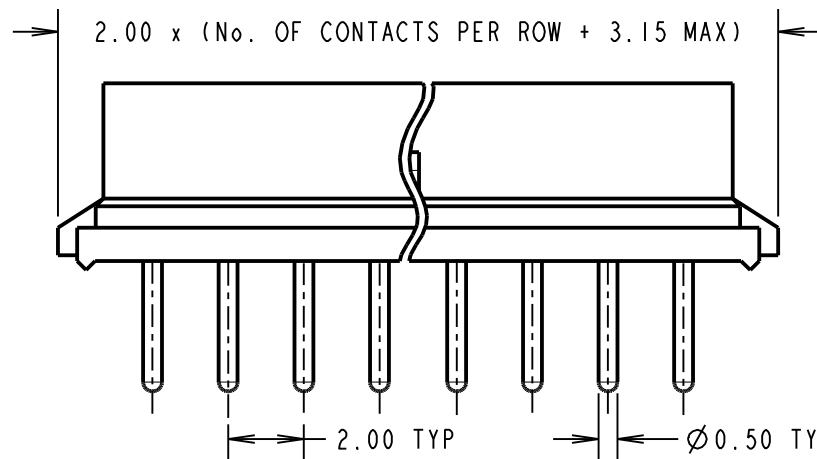
MATERIAL:
 MOULDING = POLYAMIDE 46 UL94V-0, BLACK
 CONTACTS = BERYLLIUM COPPER
FINISH:
 CONTACTS (ALL OVER NICKEL):
~~01 = 0.3µ GOLD CLIP, 3.5µ 90/10 TIN/LEAD SHELL~~
 45 = 0.30µ GOLD CLIP, 0.28µ GOLD SHELL
 42 = 0.30µ GOLD CLIP, 4.0µ 100% TIN SHELL

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 (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

OBSOLETE
 Order codes ending 01 (Non-RoHS finish)

MSP	11	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

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8503401](#) [M80-8502042](#) [M80-8502045](#) [M80-8502645](#) [M80-8502642](#) [M80-8504442](#) [M80-8500645](#) [M80-8500642](#) [M80-8501842](#) [M80-8501845](#) [M80-8501042](#) [M80-8501045](#) [M80-8501442](#) [M80-8501445](#) [M80-8501245](#) [M80-8501242](#) [M80-8500845](#) [M80-8500842](#) [M80-8501642](#) [M80-8501645](#) [M80-8500442](#) [M80-8500445](#) [M80-8503442](#) [M80-8503445](#) [M80-8501245R](#)