

Customer Information Sheet

DRAWING No.: M80-853XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-853XXXX

TOTAL No. OF CONTACTS:

04, 06, 08, 10, 12, 14, 16,
18, 20, 26, 34, 44

FINISH:

22 = SELECTIVE GOLD + TIN/LEAD

45 = GOLD

42 = SELECTIVE GOLD / 100% TIN

SPECIFICATIONS:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

LATCHES = BERYLLIUM COPPER

FINISH:

CONTACTS:

22 = 0.75µ GOLD ON CONTACT AREA,

3µ 90/10 TIN/LEAD ON TAILS

45 = 0.75µ GOLD

42 = 0.75µ GOLD ON CONTACT AREA,

3.0µ 100% TIN OVER NICKEL ON TAILS

LATCH = 1.25µ NICKEL

ELECTRICAL:

CURRENT RATING (25°C) = 3.0A MAX.

CURRENT RATING (85°C) = 2.2A MAX.

WORKING VOLTAGE = 800V AC/DC

VOLTAGE PROOF = 1200 AC/DC

CONTACT RESISTANCE (INITIAL) = 20 mΩ MAX.

CONTACT RESISTANCE (AFTER CONDITIONING) = 25 mΩ MAX.

INSULATION RESISTANCE (INITIAL) = 1000 MΩ MIN.

INSULATION RESISTANCE (AFTER CONDITIONING) = 100 MΩ MIN.

MECHANICAL:

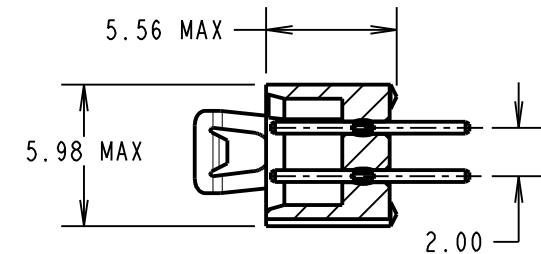
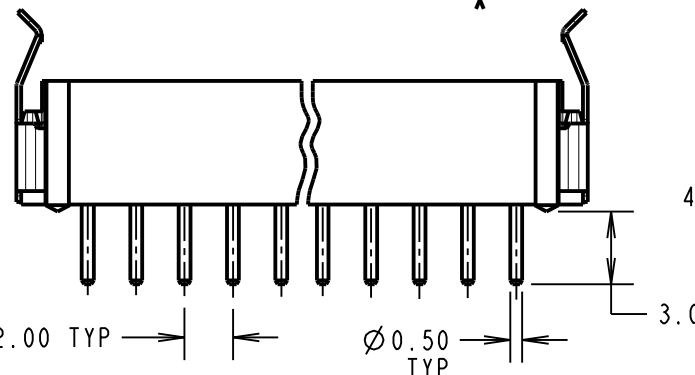
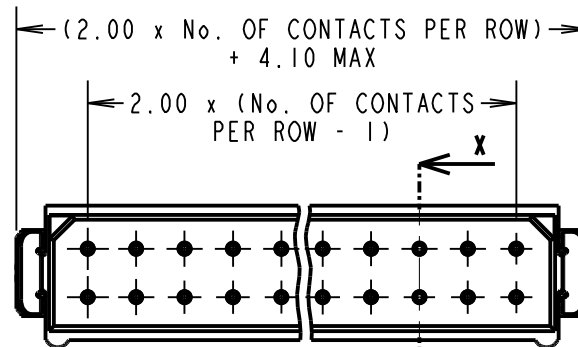
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

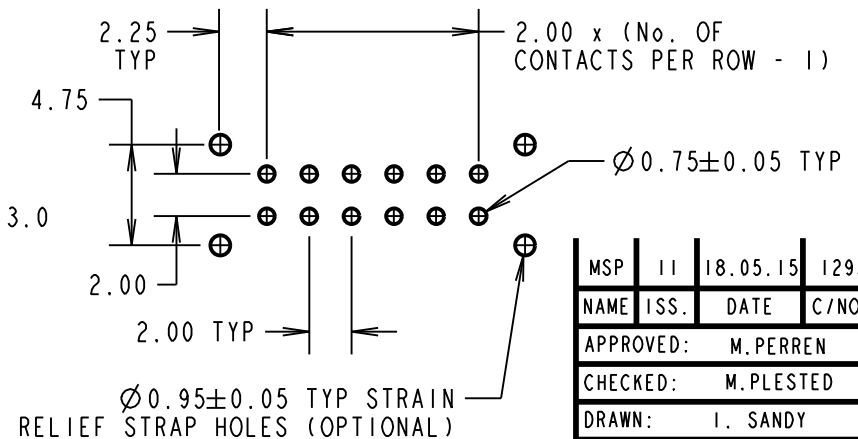
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION
C005XXX (LATEST ISSUE)

SECTION X-X

 $\varnothing 0.95 \pm 0.05 \text{ TYP}$ STRAIN
RELIEF STRAP HOLES (OPTIONAL)

RECOMMENDED PCB LAYOUT

NOTES:

1. 2-OFF STRAIN RELIEF STRAPS
M80-0030006 MAY BE USED
WITH THIS CONNECTOR.

MSP	II	18.05.15	12932
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		I. SANDY	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES

X. = $\pm 1\text{mm}$ X.X = $\pm 0.50\text{mm}$ X.XX = $\pm 0.10\text{mm}$ X.XXX = $\pm 0.01\text{mm}$ ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE:

DATAMATE DIL
VERTICAL PC TAIL PLUG
ASSEMBLY - LATCHED (R0HS)

DRAWING NUMBER:

M80-853XXXXSHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

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