

Customer Information Sheet

DRAWING No.: M80-791XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-791XXXX

TOTAL No. OF CONTACTS:

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

FINISH:

22 - GOLD ON CONTACT AREA
TIN/LEAD ON TAILS
42 - GOLD ON CONTACT AREA
100% TIN ON TAILS
45 - GOLD

SPECIFICATIONS:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE

FINISH:

CONTACTS:

22 = 0.75µ GOLD ON CONTACT AREA,
3.0µ TIN/LEAD ON TAILS
42 = 0.75µ GOLD ON CONTACT AREA,
3.0µ 100% TIN ON TAILS
45 = 0.75µ GOLD

ELECTRICAL:

CURRENT RATING (25°C) = 3.3A MAX.
CURRENT RATING (85°C) = 2.6A MAX.
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 1200V AC/DC
CONTACT RESISTANCE (INITIAL) = 20mΩ MAX.
CONTACT RESISTANCE (AFTER CONDITIONING) = 25mΩ MAX.
INSULATION RESISTANCE (INITIAL) = 1000MΩ MIN.
INSULATION RESISTANCE (AFTER CONDITIONING) = 100MΩ MIN.

MECHANICAL:

DURABILITY = 500 OPERATIONS

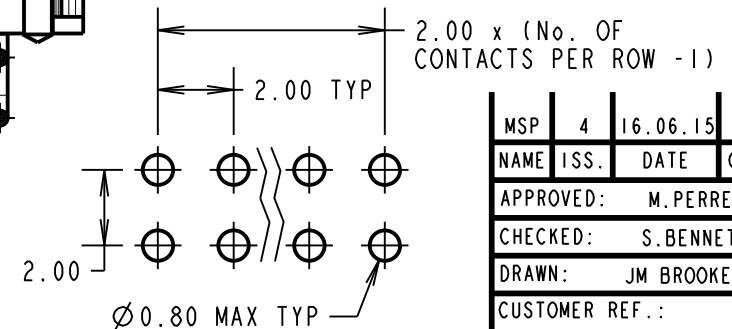
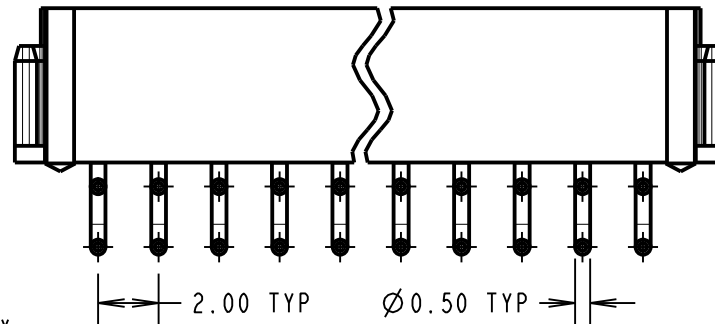
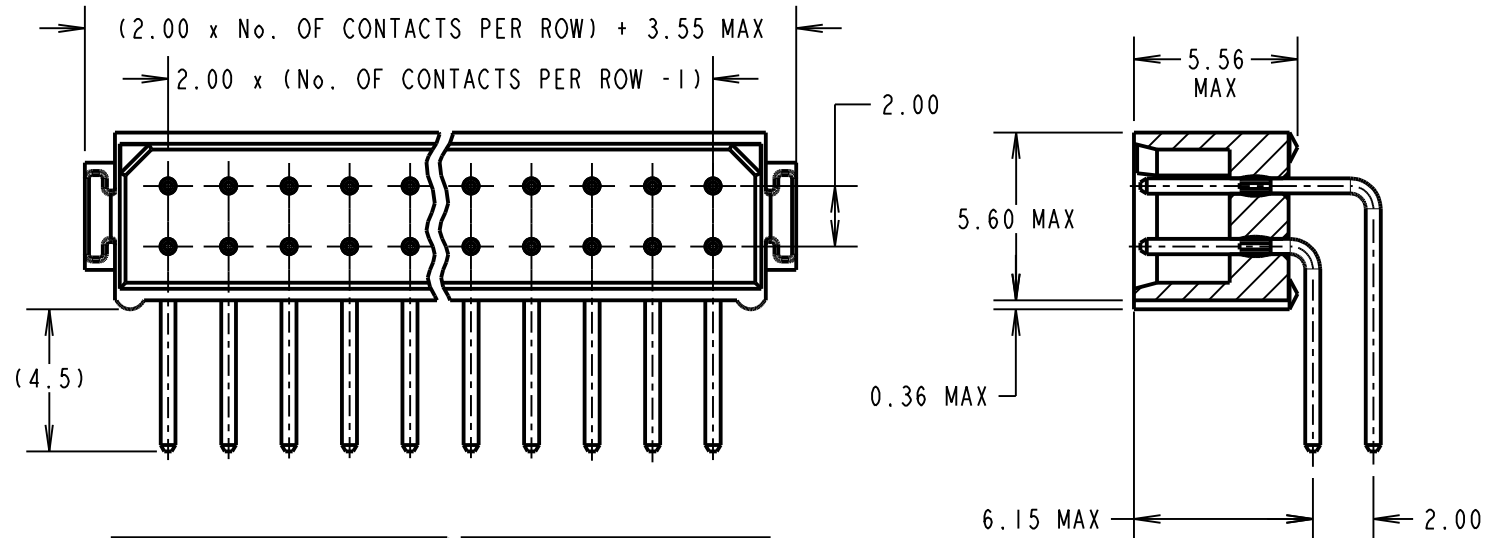
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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



RECOMMENDED
PCB LAYOUT

NOTES:

1. 2-OFF STRAIN RELIEF STRAPS
M80-0030006 ARE INCLUDED
WITH EACH CONNECTOR.

MSP	4	16.06.15	12965
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: JM BROOKES			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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
HORIZONTAL MALE PC TAIL
ASSEMBLY - UNLATCHED

DRAWING NUMBER:

M80-791XXXX

SHT
2
OF
2

Mouser Electronics

Authorized Distributor

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Harwin:

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