

# Customer Information Sheet

DRAWING No.: M80-714XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:  
**M80-714XXXX**

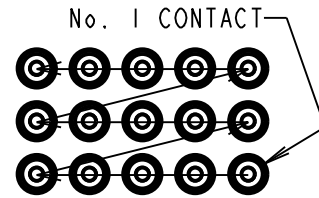
TOTAL No. OF CONTACTS:  
06, 15, 24, 30, 42

FINISH:  
01 = TIN/LEAD BODY, GOLD CLIP  
05 = GOLD BODY, GOLD CLIP  
42 = 100% TIN BODY, GOLD CLIP

POTTING WALLS:  
BLANK = POTTING WALLS REMOVED  
A = POTTING WALLS RETAINED

NOTES:

1. FROM No. 1 POSITION, CONTACTS NUMBERED IN SEQUENCE FROM RIGHT TO LEFT AND FROM BOTTOM ROW TO TOP ROW (LOOKING ON BACK FACE).



SPECIFICATION:

MATERIALS:  
MOULDING = POLYAMIDE 46 UL94V-0  
CLIP = BERYLLIUM COPPER  
BODY = BRASS

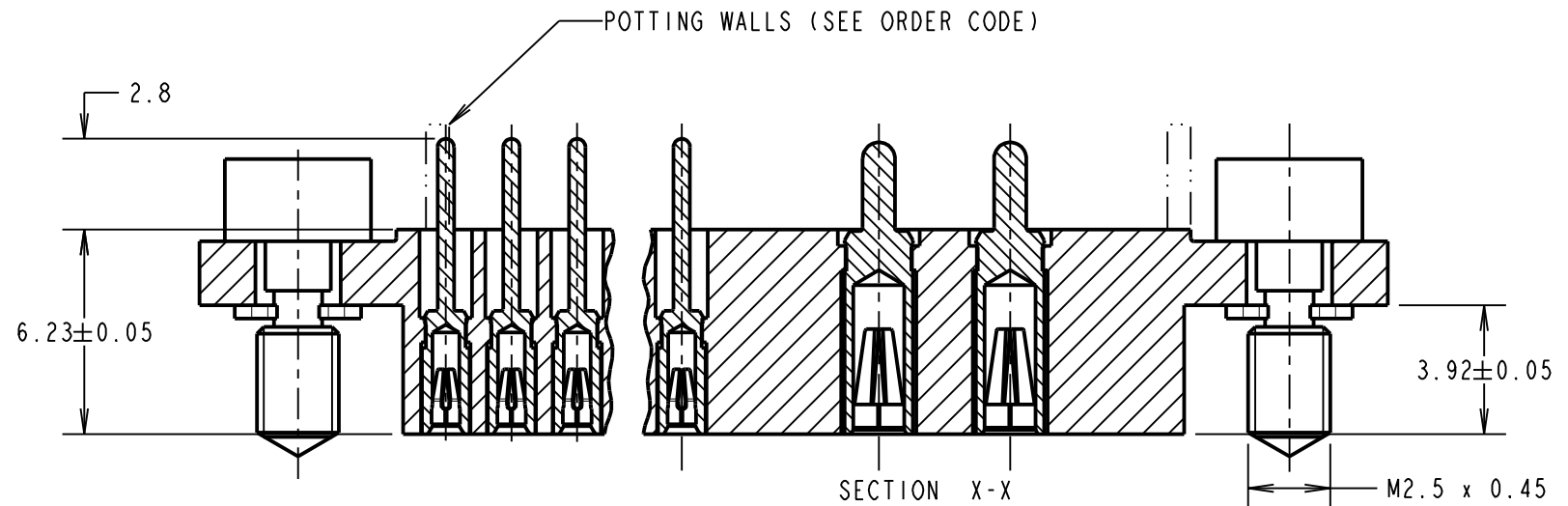
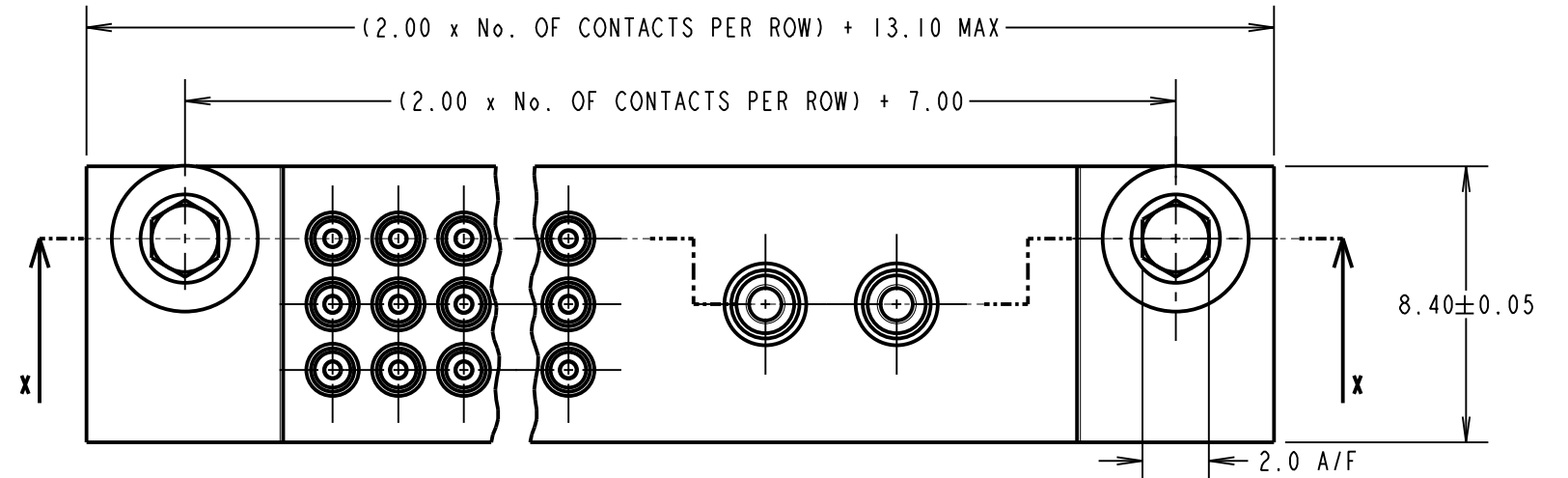
FINISH:  
01 = 3.5-5.0µm TIN/LEAD BODY, 0.30µm GOLD CLIP  
05 = 0.25-0.30µm GOLD BODY, 0.30µm GOLD CLIP  
42 = 3.5-5.0µm 100% TIN BODY, 0.30µm GOLD CLIP

ELECTRICAL:  
CURRENT RATING AT 25°C = 3.0A MAX (SMALL), 15.0A MAX (LARGE)  
CURRENT RATING AT 85°C = 2.2A MAX (SMALL), 11.0A MAX (LARGE)  
VOLTAGE PROOF = 360V AC/DC  
CONTACT RESISTANCE (INITIAL) = 20mΩ MAX  
CONTACT RESISTANCE (AFTER CONDITIONING) = 25mΩ MAX  
INSULATION RESISTANCE (INITIAL) = 1000MΩ MIN  
INSULATION RESISTANCE (AFTER CONDITIONING) = 100MΩ MIN

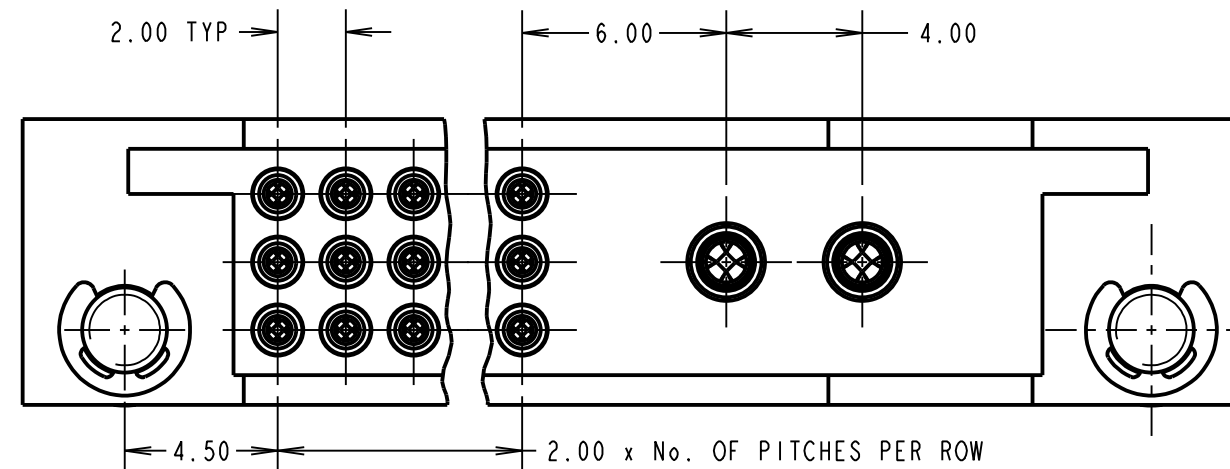
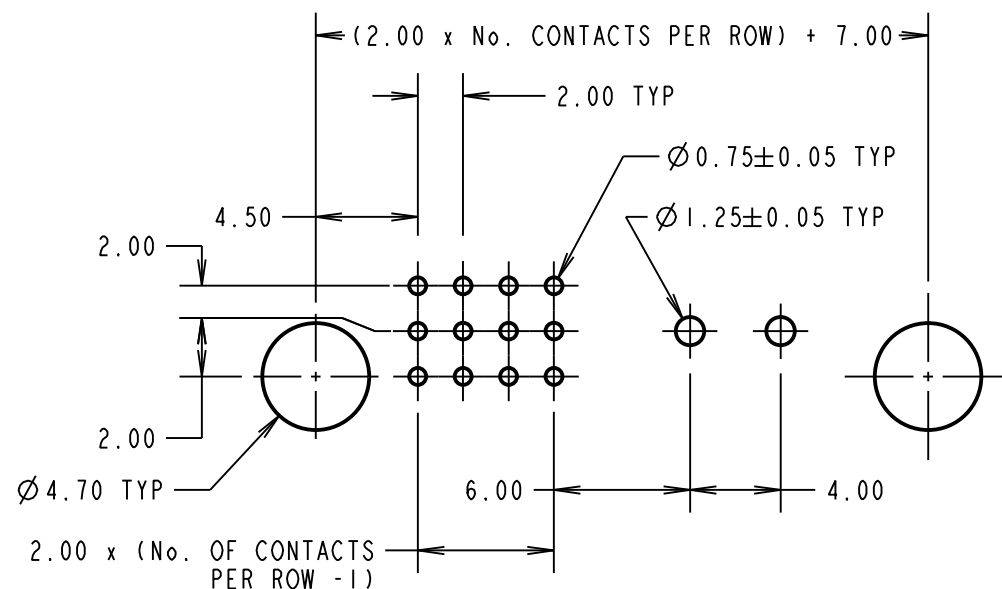
MECHANICAL:  
DURABILITY = 500 OPERATIONS  
INSERTION FORCE = 1.8N MAX, 0.2N MIN

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

PACKING:  
TRAYS  
FOR COMPLETE SPECIFICATIONS, SEE COMPONENT SPECIFICATION C017XX (LATEST ISSUE)



RECOMMENDED PCB LAYOUT



MSP	7	20.04.15	12811
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: M.PERREN			
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: mm<sup>2</sup>

TITLE: 3-ROW 2mm PITCH FEMALE PC TAIL & POWER SOCKET ASSY & JACKSCREWS

DRAWING NUMBER:  
**M80-714XXXX**

SHT  
2 OF 2

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