

Customer Information Sheet

DRAWING No.: M80-819XXXX

SHEET 2 OF 2

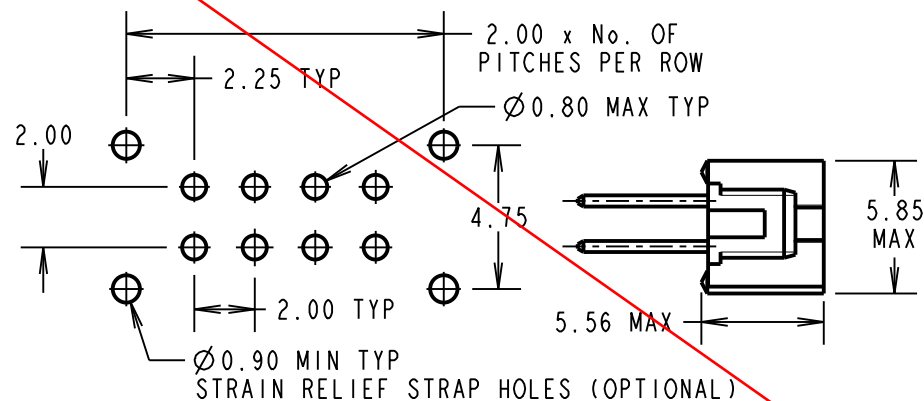
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



RECOMMENDED PCB LAYOUT

NOTES

- 2-OFF STRAIN RELIEF STRAP M80-0030006 MAY BE USED WITH THIS CONNECTOR

OBSOLETE

SPECIFICATION:

MATERIAL:

MOULDING = GLASS-FILLED
POLYESTER UL94V-0

CONTACT = PHOSPHOR BRONZE

FINISH:

CONTACTS:

05 = 0.75µ GOLD

22 = 0.75µ GOLD ON CONTACT AREA,
3.0µ 90/10 TIN/LEAD ON TAILS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

MECHANICAL:

DURABILITY = 500 OPERATIONS

PACKING:

TUBE

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

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE (INITIAL) =

20 MILLIOHMS MAX

CONTACT RESISTANCE (AFTER

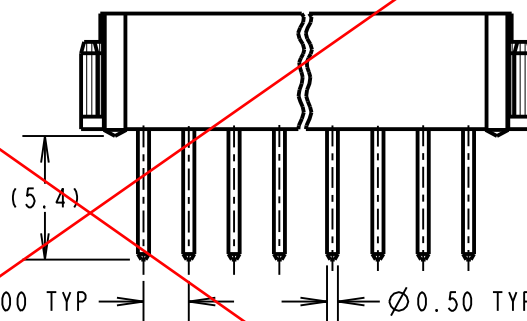
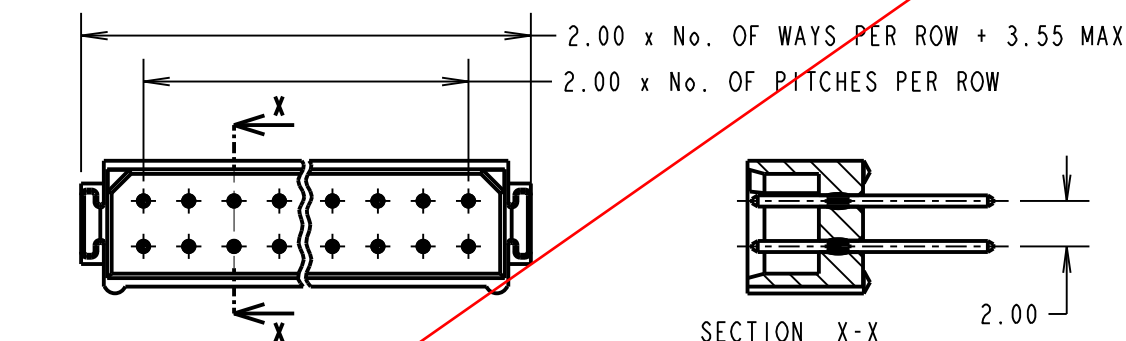
CONDITIONING) = 25 MILLIOHMS MAX

INSULATION RESISTANCE (INITIAL) =

1000 MEGOHMS MIN

INSULATION RESISTANCE (AFTER

CONDITIONING) = 100 MEGOHMS MIN



BRITISH STANDARD ORDER CODE: TO B39525 F0033

B5743-2XX-M-T-U

TOTAL No. OF WAYS
04, 06, 08, 10, 12, 14,
16, 18, 20, 26, 34, 44

FINISH:
0 - SELECTIVE GOLD

ORDER CODE:

M80-819XXXX

TOTAL No. OF WAYS
04, 06, 08, 10, 12, 14,
16, 18, 20, 26, 34, 44

FINISH
05 - GOLD
22 - SELECTIVE GOLD

SM	3	07.06.11	10832
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES

X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE 2mm PITCH
VERTICAL PC TAIL DIL PLUG
ASSEMBLY - UNLATCHED

DRAWING NUMBER:

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SHT
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