

Customer Information Sheet

DRAWING No.: M80-869XXXX

SHEET 2 OF 2

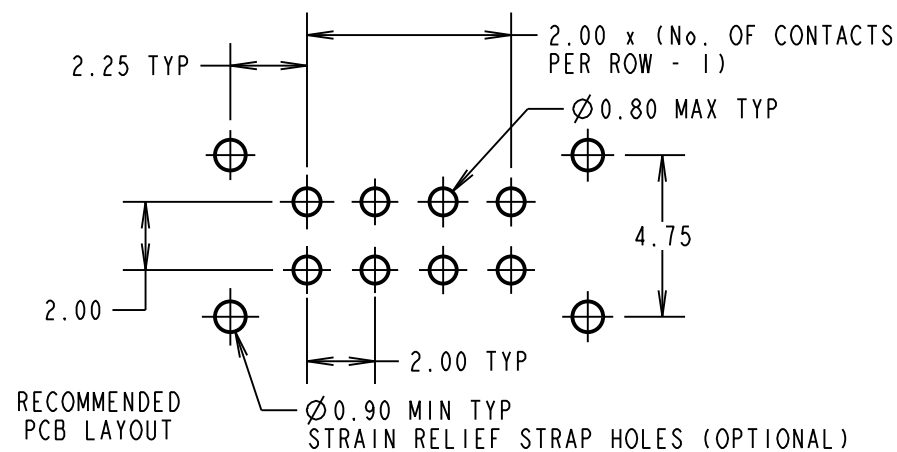
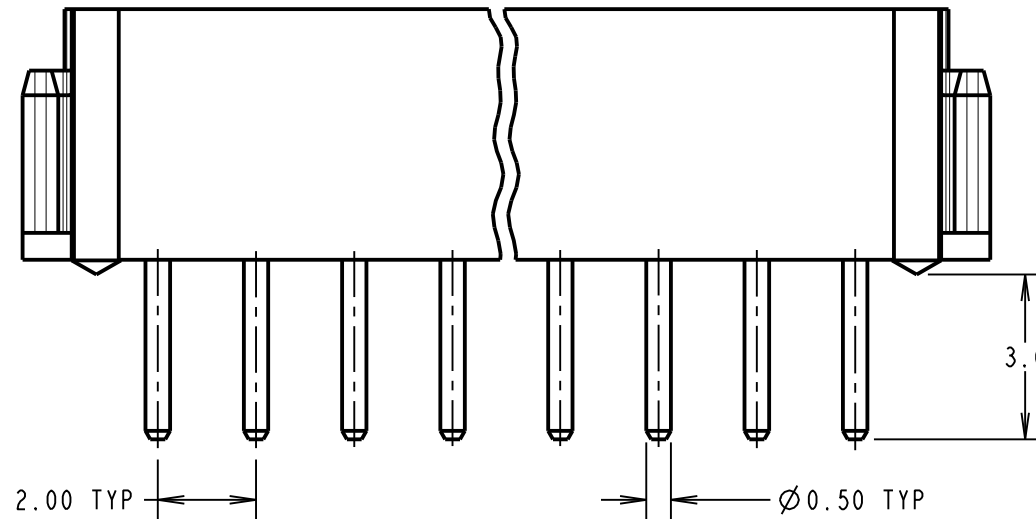
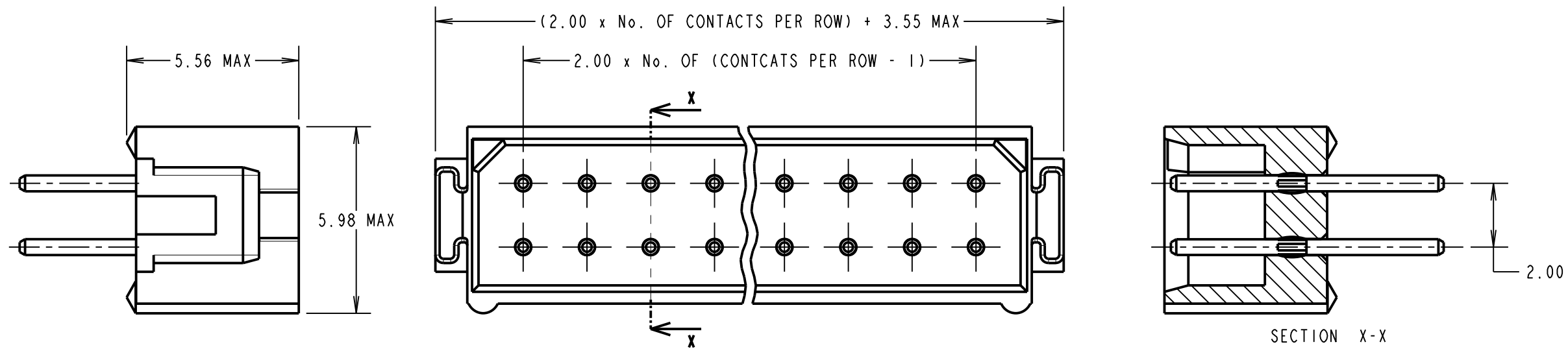
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



- NOTES:
- 2-OFF STRAIN RELIEF STRAPS M80-0030006 CAN BE ORDERED SEPARATELY IF REQUIRED.
 - FOR RoHS COMPLIANT PRODUCT USE M80-854XXXX.

SPECIFICATONS:

MATERIAL:
 MOULDING = GLASS FILLED POLYESTER, UL94V-0
 CONTACTS = 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

ELECTRICAL:
 CURRENT RATING AT 25°C = 3.0A MAX.
 CURRENT RATING AT 85°C = 2.2A MAX.
 WORKING VOLTAGE = 800V AC/DC
 VOLTAGE PROOF = 1200V 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.
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

BRITISH STANDARD ORDER CODE:
 TO BS9525 F0033
B5743-2XX-M-T-X
 TOTAL No. OF CONTACTS: _____
 04, 06, 08, 10, 12, 14, 16,
 18, 20, 26, 34, 44
 FINISH: _____
 0 = SELECTIVE GOLD
 2 = GOLD

ORDER CODE:
M80-869XXXX
 TOTAL No. OF CONTACTS: _____
 04, 06, 08, 10, 12, 14, 16,
 18, 20, 26, 34, 44
 FINISH: _____
 05 = GOLD
 22 = SELECTIVE GOLD

SB	16	15.07.14	12531
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.G.PLESTED			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN
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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: M80-869XXXX
 SHT 2 OF 2

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