

Customer Information Sheet

DRAWING No.: M80-869XXXX

SHEET 2 OF 2

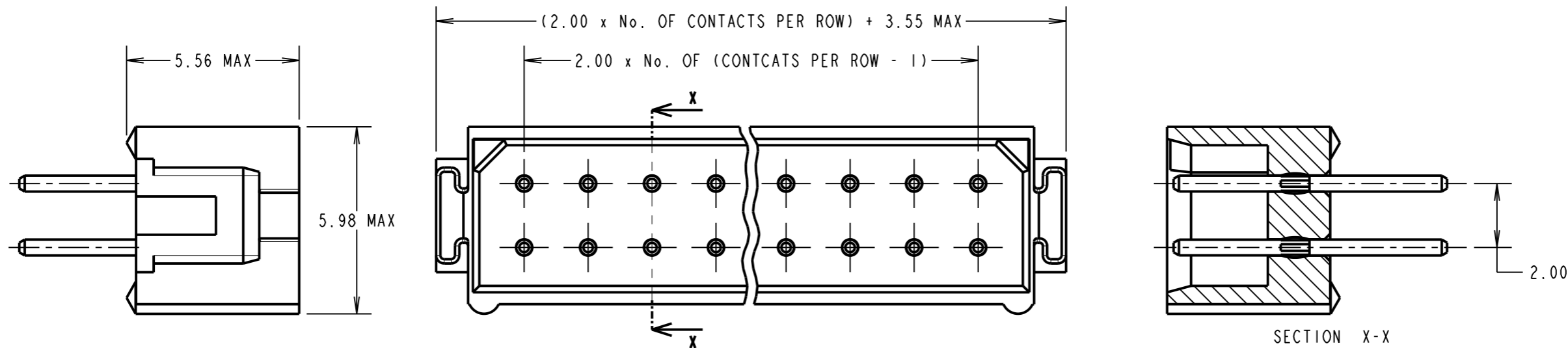
IF IN DOUBT - ASK

©

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.

SPECIFICATIONS:

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

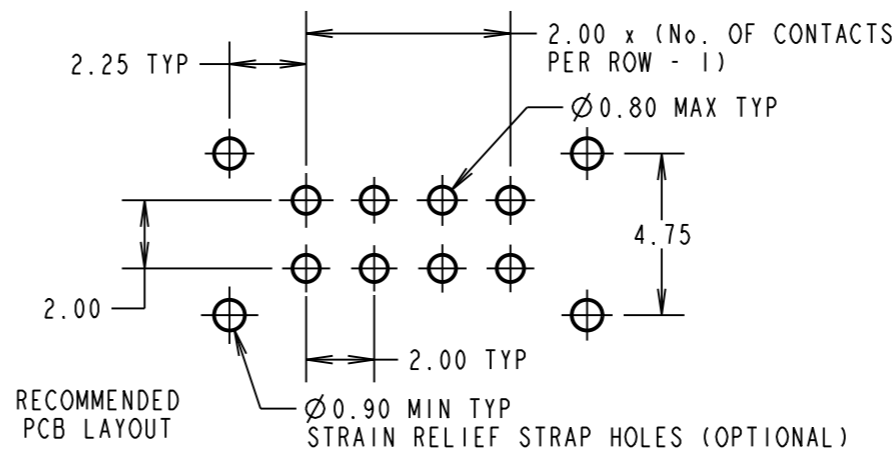
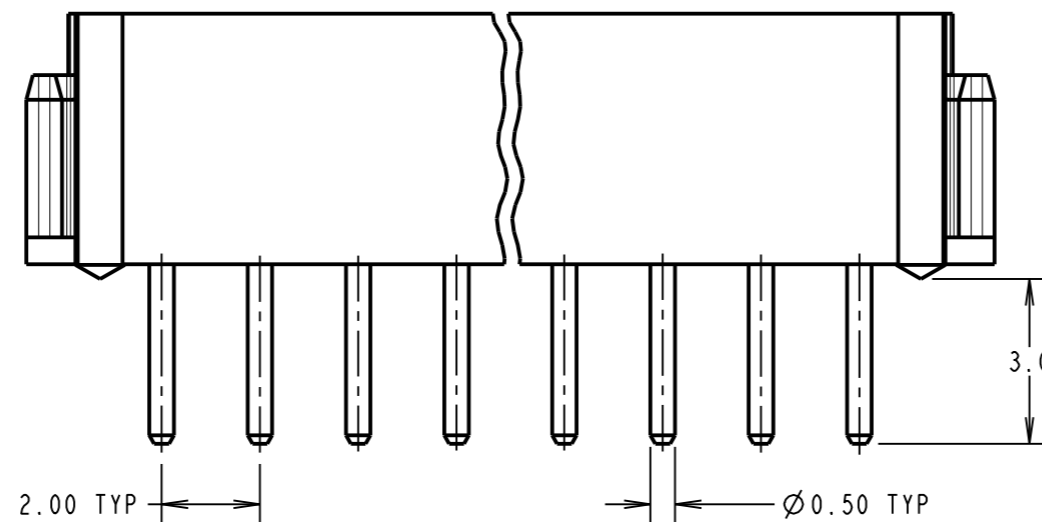
FINISH:
 CONTACTS:
 05 = 0.75µ GOLD
 22 = 0.75µ GOLD ON CONTACT AREA,
 3.0µ 90/10 TIN/LEAD ON TAILS

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:			

<p>www.harwin.com technical@harwin.com</p>	<p>THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.</p>	<p>TOLERANCES</p> <p>X. = ±1mm X.X = ±0.25mm X.XX = ±0.10mm X.XXX = ±0.01mm</p> <p>ANGLES = ±5° UNLESS STATED</p>	<p>MATERIAL:</p> <p>SEE ABOVE</p>	<p>TITLE: DATAMATE 2mm PITCH VERTICAL PC TAIL DIL PLUG ASSEMBLY - UNLATCHED</p>
			<p>FINISH: SEE ABOVE</p>	
			<p>S/AREA: mm²</p>	<p>SHT 2 OF 2</p>