

Customer Information Sheet

DRAWING No.: M80-821XXXX

SHEET 2 OF 2

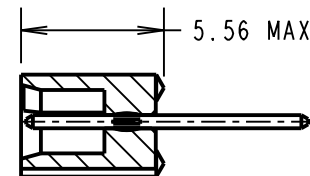
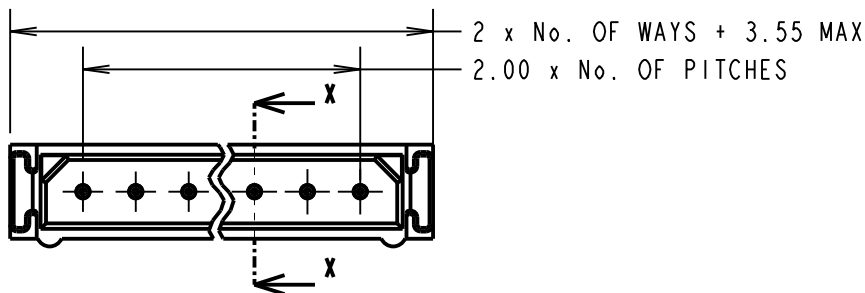
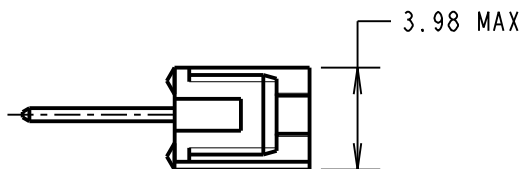
IF IN DOUBT - ASK

Ⓒ

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SECTION X-X

NOTES:

- 2-OFF STRAIN RELIEF STRAPS M80-0030006 CAN BE ORDERED SEPARATELY IF REQUIRED.

SPECIFICATION:

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

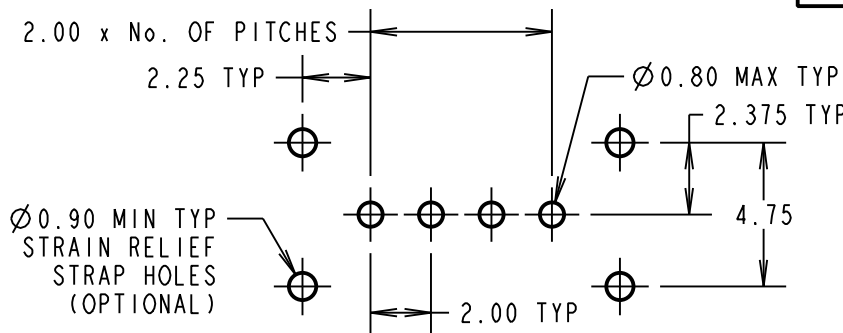
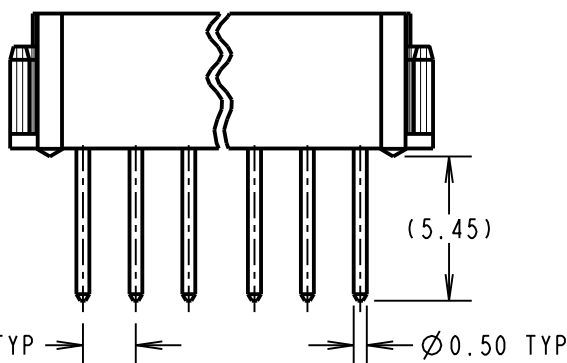
FINISH:
 CONTACTS:
 05 = 0.75µ GOLD
 22 = 0.75µ GOLD ON CONTACT AREA,
 3.0µ 90/10 TIN/LEAD ON TAILS

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 MΩ MAX
 CONTACT RESISTANCE (AFTER CONDITIONING) = 25 MΩ MAX
 INSULATION RESISTANCE (INITIAL) = 1000 MΩ MIN
 INSULATION RESISTANCE (AFTER) CONDITIONING) = 100 MΩ 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

ORDER CODE:
M80-821XXXX

TOTAL No. OF WAYS
 02-07, 17, 22

FINISH _____
 05 - GOLD
 22 - SELECTIVE GOLD

SM	3	08.06.11	10832
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: J. EVANS			
CUSTOMER REF.:			
ASSEMBLY DRG:			



HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg
--	--	--

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.

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 SIL PLUG
 ASSEMBLY - UNLATCHED

DRAWING NUMBER:
M80-821XXXX

SHT
 2 OF 2