

Customer Information Sheet

DRAWING No.: M80-852XXXX

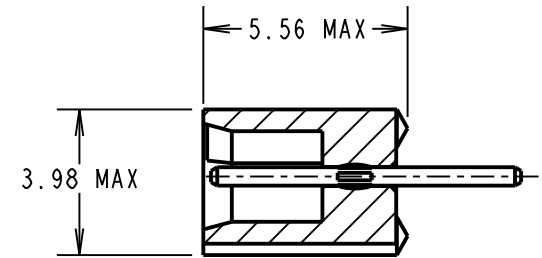
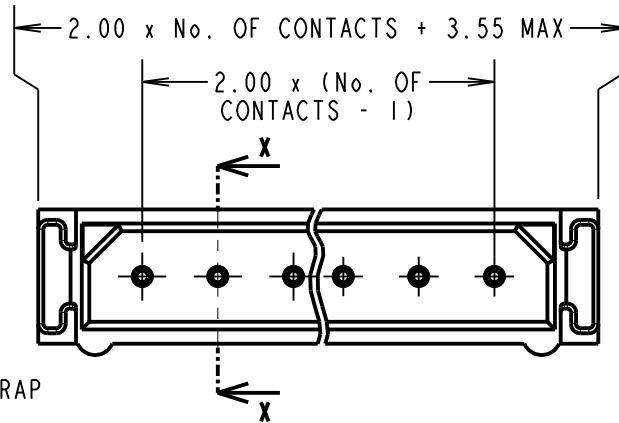
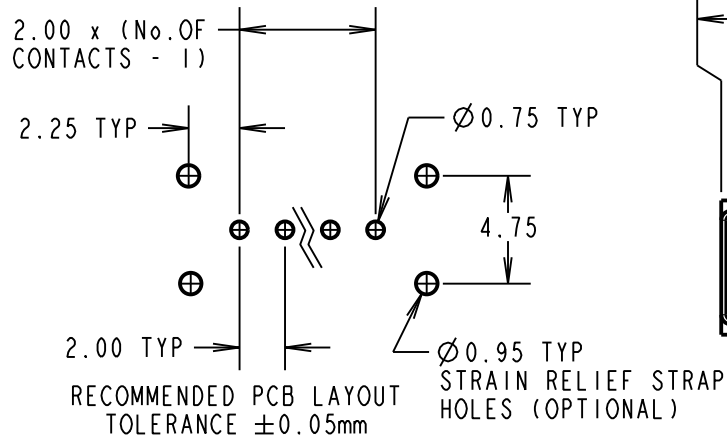
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SECTION X-X

SPECIFICATIONS:

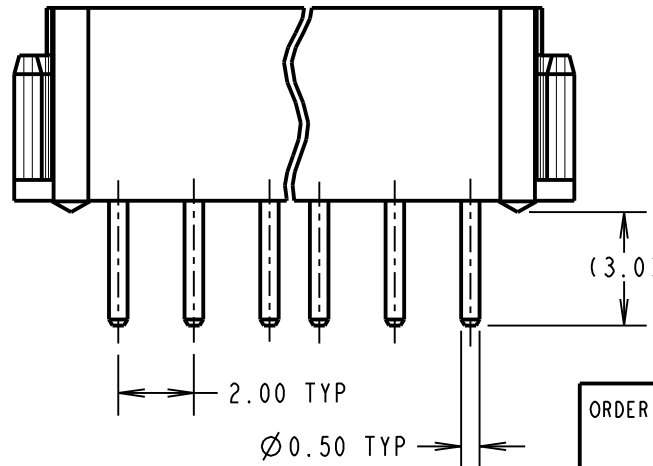
MATERIAL:
 Moulding = GLASS-FILLED PPS UL94V-0, BLACK
 CONTACTS = PHOSPHOR BRONZE

FINISH:
CONTACTS:
 22 = 0.75µm GOLD ON CONTACT AREA,
 3µm 90/10 TIN/LEAD ON TAILS
 42 = 0.75µm GOLD ON CONTACT AREA,
 3.0µm 100% TIN OVER NICKEL ON TAILS
 45 = 0.75µm GOLD

ELECTRICAL:
 CURRENT RATING (25°C) = 3.0A MAX.
 CURRENT RATING (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.

MECHANICAL:
 DURABILITY = 500 OPERATIONS
ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C
PACKING:
 TUBE

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



NOTES:

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

OBSOLETE
 Pin counts 17 and 22
 Last Time Buy 21-Aug-2020

ORDER CODE: **M80-852XXXX**

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

FINISH: _____
 22 = SELECTIVE GOLD + TIN/LEAD
 42 = SELECTIVE GOLD + 100% TIN
 45 = GOLD

MGP	8	21.01.21	22137
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: MR			
DRAWN: I. SANDY			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
 X. = ±1mm
 X.X = ±0.50mm
 X.XX = ±0.20mm
 X.XXX = ±0.01mm
 ANGLES = ±5°
 UNLESS STATED

MATERIAL:
 SEE ABOVE
FINISH:
 SEE ABOVE
S/AREA: mm²

TITLE:
 DATAMATE SIL
 VERTICAL PC TAIL PLUG
 ASSEMBLY (RoHS)
DRAWING NUMBER:
M80-852XXXX

SHT
 2
 OF 2