

Customer Information Sheet

DRAWING No.: M80-867XXXX

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:
 MOULDING = GLASS-FILLED POLYESTER,
 UL94V-0, BLACK
 CONTACTS = PHOSPHOR BRONZE
 LATCHES = BERYLLIUM COPPER

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

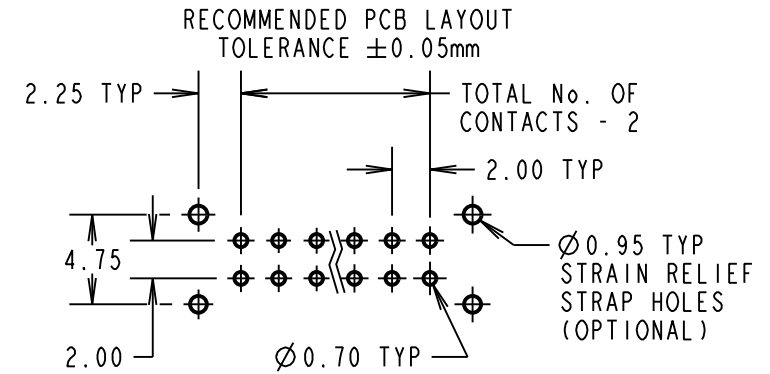
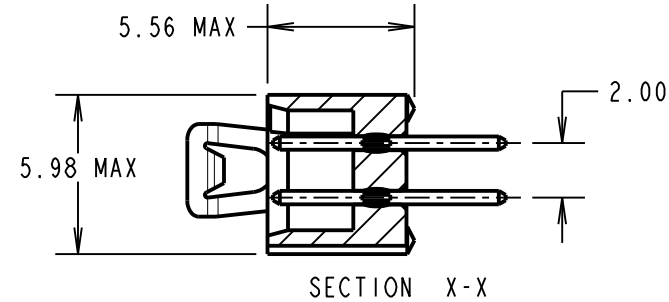
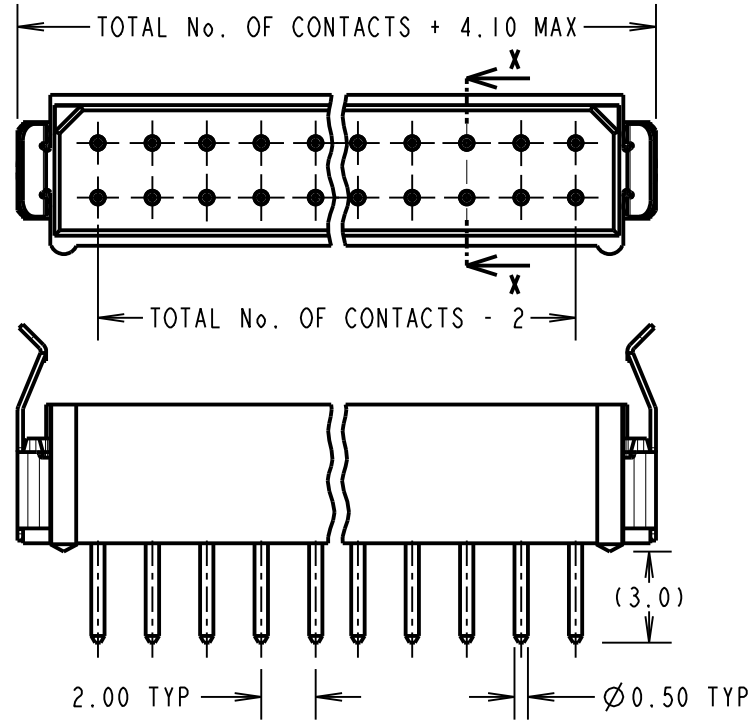
LATCH = 1.25µm NICKEL

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 = 20mΩ MAX.
 AFTER CONDITIONING = 25mΩ MAX.
INSULATION RESISTANCE:
 INITIAL = 1000MΩ MIN.
 AFTER CONDITIONING = 100MΩ MIN.

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

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



- NOTES:**
- 2-OFF STRAIN RELIEF STRAPS M80-0030006 MAY BE USED WITH THIS CONNECTOR.
 - FOR RoHS COMPLIANT EQUIVALENT PRODUCT USE M80-853XXXX CONNECTORS.

ORDER CODE:
M80-867XXXX

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

FINISH: _____
 05 = GOLD
 22 = SELECTIVE GOLD

BRITISH STANDARD ORDER CODE:
B5743-2XX-M-T-X

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

FINISH: _____
 1 = SELECTIVE GOLD
 3 = GOLD

MGP	18	01.12.21	31135
NAME	ISS.	DATE	CN/CO
APPROVED:		MGP	
CHECKED:		RA	
DRAWN:		J. CLAY	
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 DIL
 VERTICAL MALE PC TAIL
 ASSEMBLY - LATCHED

DRAWING NUMBER:
M80-867XXXX

SHT
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