

Customer Information Sheet

DRAWING No.: M80-877XXXX

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

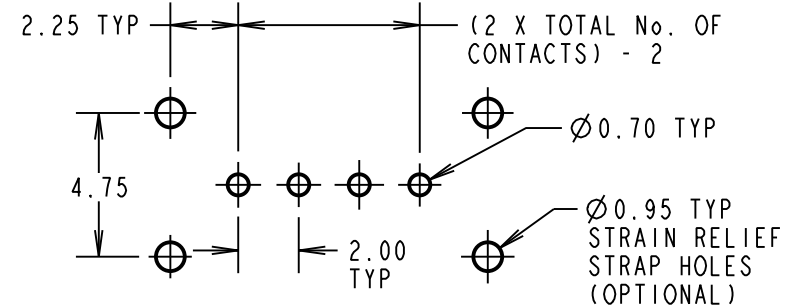
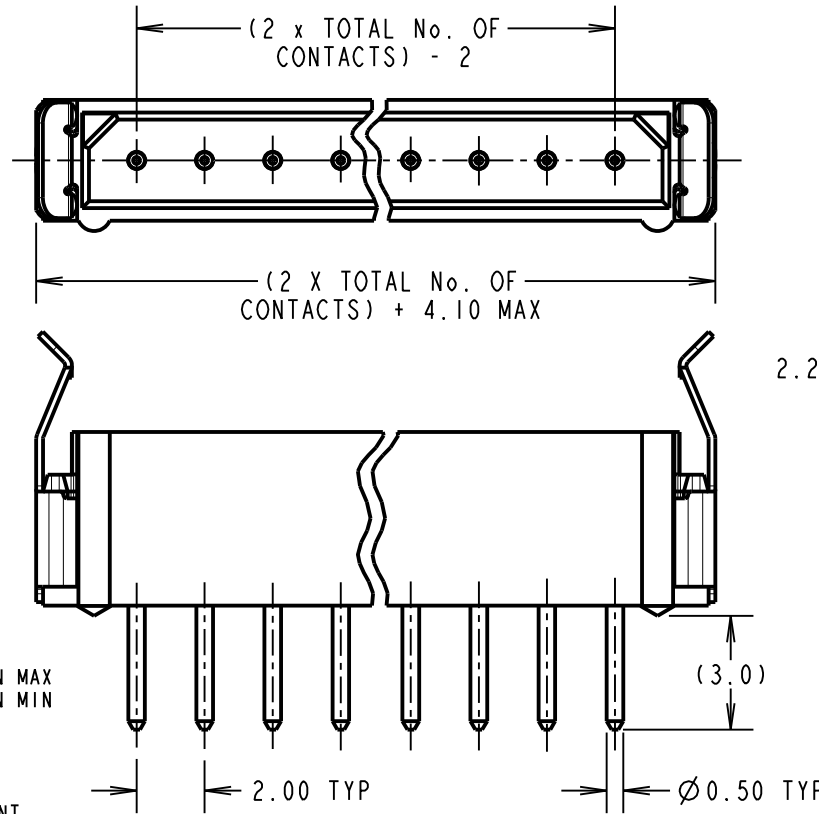
ELECTRICAL:
 CURRENT RATING (25°C) = 3.0A MAX.
 CURRENT RATING (85°C) = 2.2A MAX.
 WORKING VOLTAGE = 800V AC/DC
 VOLTAGE PROOF = 1200V AC/DC
CONTACT RESISTANCE:
 INITIAL = 20 mΩ MAX.
 AFTER CONDITIONING = 25 mΩ MAX.
INSULATION RESISTANCE:
 INITIAL = 1000 MΩ MIN.
 AFTER CONDITIONING = 100 MΩ MIN.

MECHANICAL:
 DURABILITY = 500 OPERATIONS
 INSERTION FORCE (∅0.5mm GAUGE) = 2.0N MAX
 WITHDRAWAL FORCE (∅0.5mm GAUGE) = 0.2N MIN
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.
- FOR RoHS COMPLIANT EQUIVALENT PRODUCT USE M80-882XXXX CONNECTORS.



BRITISH STANDARD ORDER CODE:
B5743-1XX-M-T-X

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

FINISH: _____
 1 = SELECTIVE GOLD + TIN/LEAD
 3 = GOLD

ORDER CODE:
M80-877XXXX

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

FINISH: _____
 05 = GOLD
 22 = SELECTIVE GOLD & TIN/LEAD

MGP	15	01.12.21	31135
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: RA			
DRAWN: J. CLAY			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
 technical@harwin.com

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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 MALE PC TAIL ASSEMBLY - LATCHED
DRAWING NUMBER: M80-877XXXX

SHT
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