

Customer Information Sheet

DRAWING No.: M80-866XXXX

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:

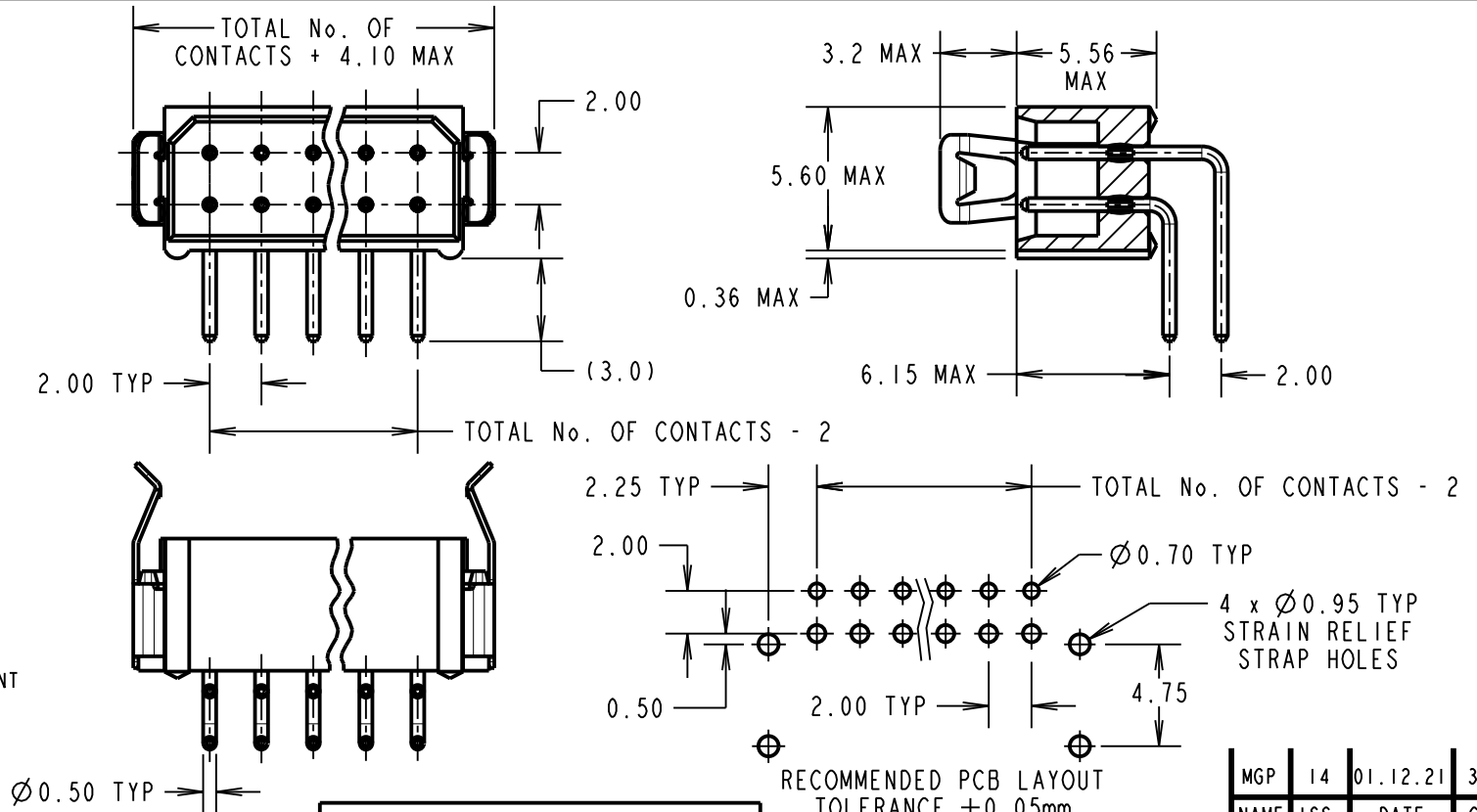
DURABILITY = 500 OPERATIONS

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 ARE INCLUDED WITH THIS CONNECTOR.
- FOR RoHS COMPLIANT EQUIVALENT PRODUCT USE M80-851XXXX CONNECTORS.

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

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

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

ORDER CODE:
M80-866XXXX

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

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

MGP	14	01.12.21	31135
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: RA			
DRAWN: K. SHIER			
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
 HORIZONTAL MALE PC TAIL
 ASSEMBLY - LATCHED

DRAWING NUMBER:
M80-866XXXX

SHT
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