

Customer Information Sheet

DRAWING No.: M80-702XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION:

MATERIAL:
 MOULDING = POLYAMIDE 46 UL94V-0, BLACK (2.00 x No. OF CONTACTS PER ROW) + 7.00

CONTACT = PHOSPHOR BRONZE

FINISH (ALL OVER NICKEL):

05 = 0.25 - 0.3µ 100% GOLD

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

42 = 0.75µ GOLD ON CONTACT AREA, 3.0µ 100% TIN ON TAILS

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE (INITIAL) = 20mΩ MAX

CONTACT RESISTANCE (AFTER CONDITIONING) = 25mΩ MAX

INSULATION RESISTANCE (INITIAL) = 1,000MΩ MAX

INSULATION RESISTANCE (AFTER CONDITIONING) = 100MΩ MIN

MECHANICAL:

MAXIMUM INSERTION FORCE = No. OF CONTACTS x 2.8N (2.00 x No. OF CONTACTS PER ROW - 1)

MAXIMUM WITHDRAWAL FORCE = No. OF CONTACTS x 1.8N

MINIMUM WITHDRAWAL FORCE = No. OF CONTACTS x 0.2N

DURABILITY = 500 OPERATIONS

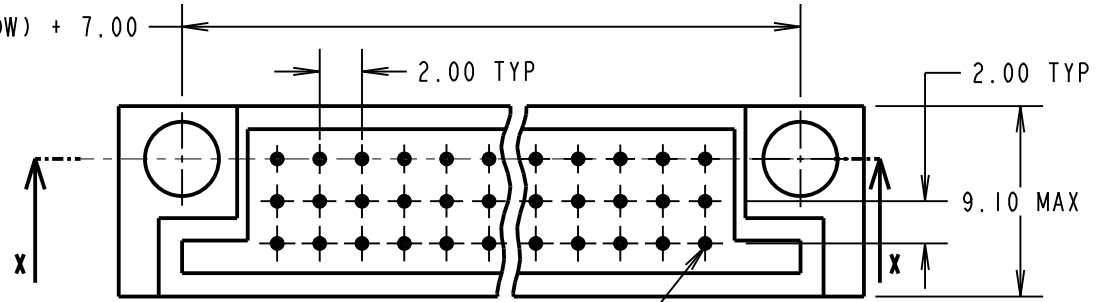
ENVIRONMENTAL:

OPERATING TEMPERATURE = -55°C TO +125°C

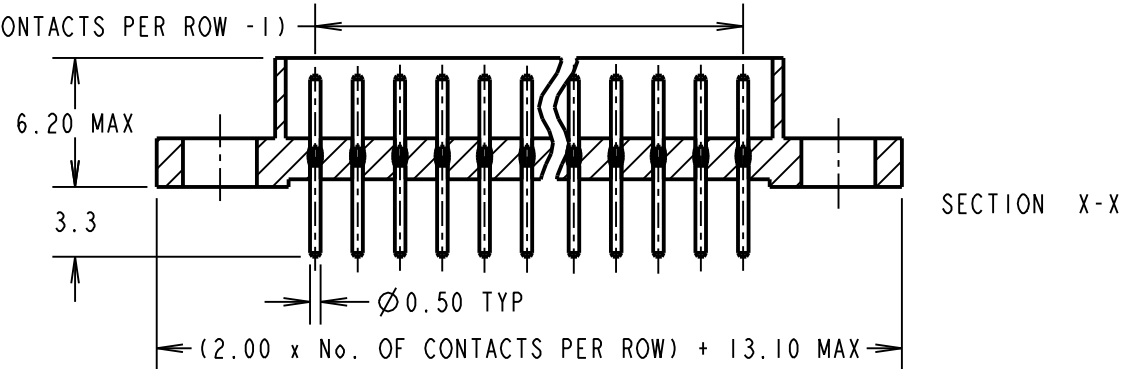
PACKING:

TRAYS

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C017XX (LATEST ISSUE)

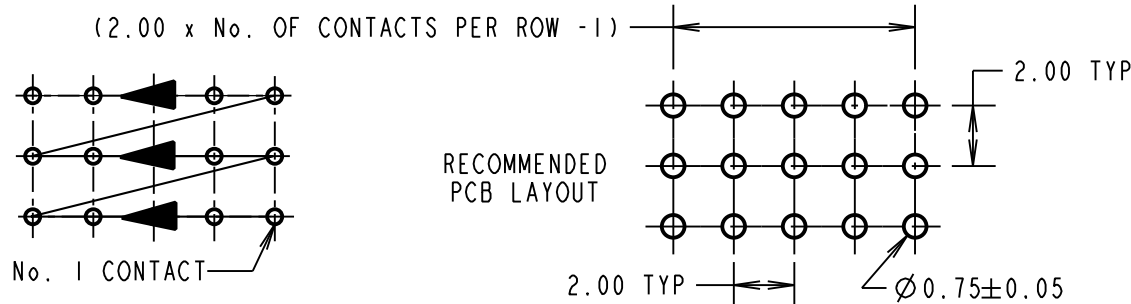


No. 1 CONTACT (SEE NOTE 1)



NOTES:

- FROM No. 1 POSITION, CONTACTS NUMBERED IN SEQUENCE FROM RIGHT TO LEFT AND FROM BOTTOM ROW TO TOP ROW (SEE BELOW).



ORDER CODE:

M80-702XXX

TOTAL No. OF CONTACTS:
 27, 36, 45, 51, 63

FINISH:

05 = 100% GOLD

22 = SELECTIVE GOLD + TIN/LEAD

42 = SELECTIVE GOLD + 100% TIN

MSP 9 15.04.15 12811

NAME ISS. DATE C/NOTE

APPROVED: M.PERREN

CHECKED: S.BENNETT

DRAWN: W. J. BOURNE

CUSTOMER REF.:

ASSEMBLY DRG:

HARWIN

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TOLERANCES
 X. = ±1mm
 X.X = ±0.50mm
 X.XX = ±0.10mm
 X.XXX = ±0.01mm
 ANGLES = ±5°
 UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

DATAMATE 3-ROW
 MALE VERTICAL PC TAIL
 ASSEMBLY

DRAWING NUMBER:

M80-702XXX

SHT
 2 OF 2

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