

Customer Information Sheet

DRAWING No.: M80-842XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-842XXXX

TOTAL No. OF WAYS

02-07, 17, 22

FINISH

22 - SELECTIVE GOLD + TIN/LEAD

45 - GOLD

42 - SELECTIVE GOLD / 100% TIN

NOTES:

1. 2-OFF STRAIN RELIEF STRAP M80-0030006
ARE INCLUDED WITH EACH CONNECTOR.

SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED POLYAMIDE 46 UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

LATCHES = BERYLLIUM COPPER

FINISH:

CONTACTS (ALL OVER NICKEL):

22 = 0.75µ GOLD ON CONTACT AREA, 3µ 90/10 TIN/LEAD ON TAILS

45 = 0.75µ GOLD

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

LATCHES = 1.25µ NICKEL

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE (INITIAL) = 20 mΩ MAX

CONTACT RESISTANCE (AFTER CONDITIONING) = 25 mΩ MAX

INSULATION RESISTANCE (INITIAL) = 1,000 MΩ MIN

INSULATION RESISTANCE (AFTER CONDITIONING) = 100 MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

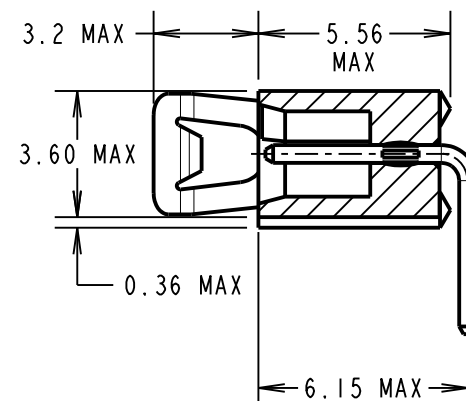
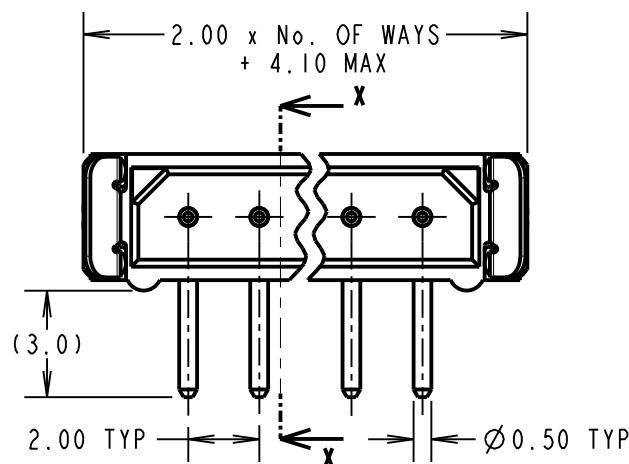
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

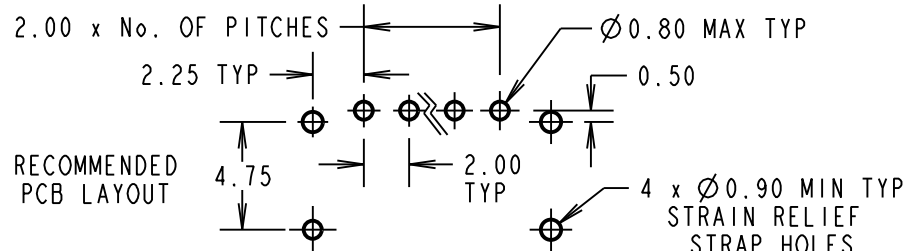
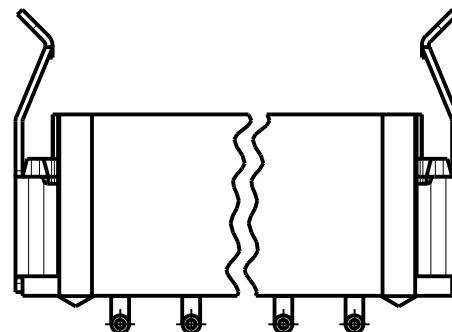
PACKING:

TUBE

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



SECTION X-X



SM	5	10.06.11	10832
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: W J BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES

X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

S/AREA:

mm²

TITLE: DATAMATE 2mm PITCH
HORIZONTAL PC TAIL SIL PLUG
ASSEMBLY - LATCHED (RoHS)

DRAWING NUMBER:

M80-842XXXX

SHT
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OF 2