

Customer Information Sheet

DRAWING No.: M80-826XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

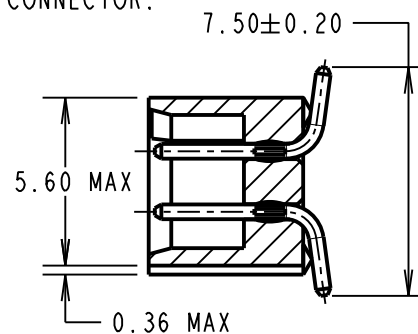
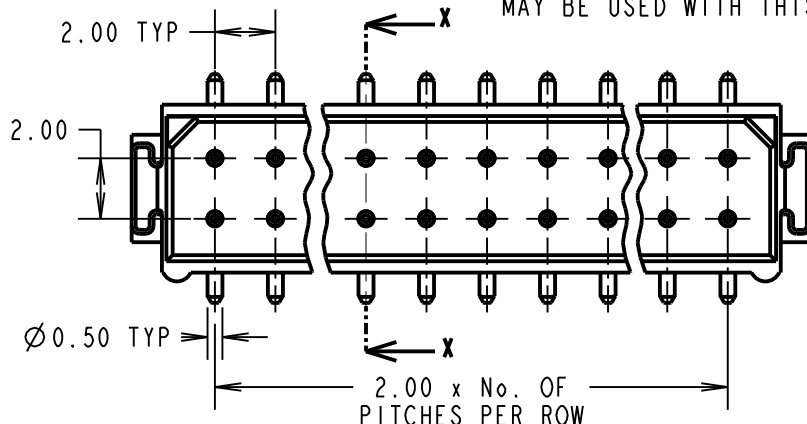
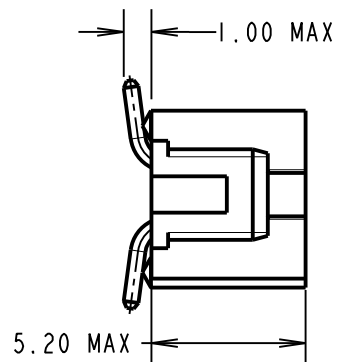
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

NOTES:

1. 2-OFF STRAIN RELIEF STRAPS M80-0030006
MAY BE USED WITH THIS CONNECTOR.



SECTION X-X

ORDER CODE:

M80-826XXXX

TOTAL No. OF WAYS

04, 06, 08, 10, 12
14, 16, 18, 20, 26
34, 44

FINISH

22 - SELECTIVE GOLD
+ TIN/LEAD
42 - SELECTIVE GOLD
+ 100% TIN
45 - GOLD

SPECIFICATIONS:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE

FINISH:

CONTACTS:

22 = 0.75µm GOLD ON CONTACT AREA,
3.0µm 90/10 TIN/LEAD ON TAILS
42 = 0.75µm GOLD ON CONTACT AREA,
3.0µm 100% TIN ON TAILS
45 = 0.75µm GOLD ALL OVER

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

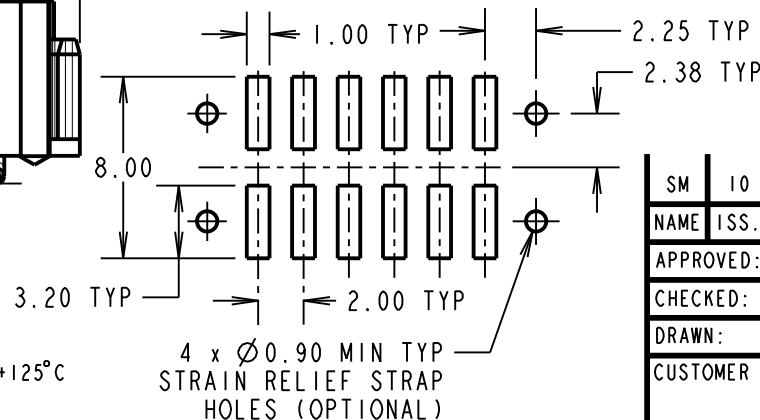
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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

RECOMMENDED
PCB LAYOUT

SM	10	08.06.11	10832
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: I. SANDY			
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: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE 2mm PITCH
VERTICAL SMT DIL PLUG
ASSEMBLY - UNLATCHED

DRAWING NUMBER:

M80-826XXXX

SHT
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OF 2