

Customer Information Sheet

DRAWING No.: M80-843XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

C

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-843XXXX

TOTAL No. OF WAYS

02-07, ~~17, 22~~

FINISH

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

OBSOLETE

Order codes
ending 01 (Non-
RoHS finish)

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

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

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

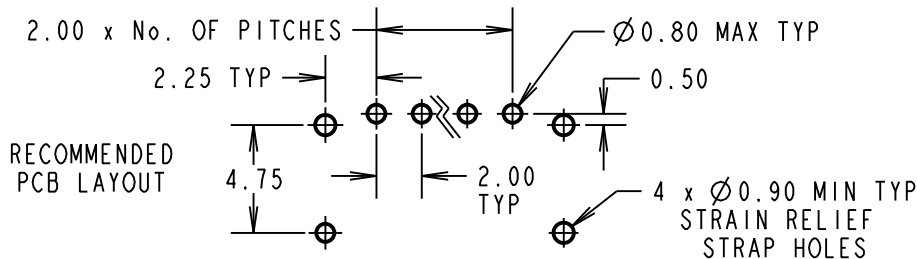
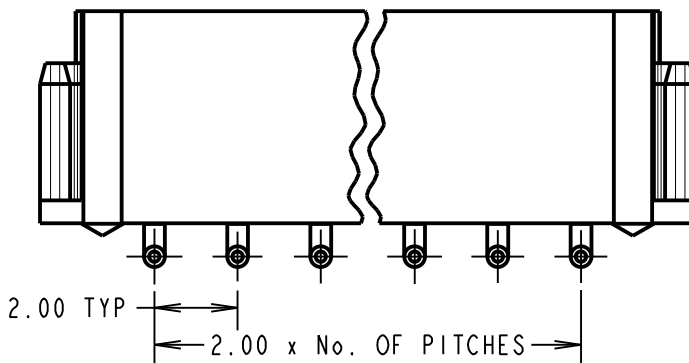
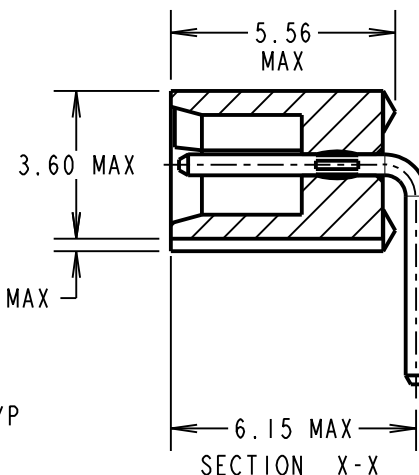
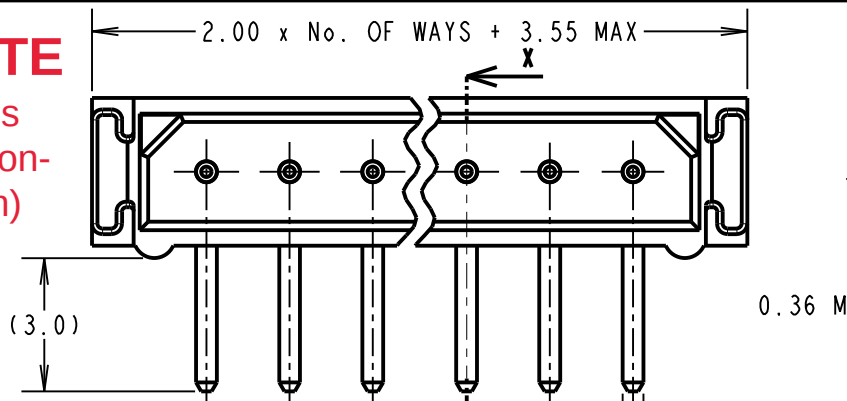
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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



OBSOLETE
Pin counts 17 and 22
Last Time Buy 21-Aug-2020

SM	6	10.06.11	10832
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: I. SANDY			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg
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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 - UNLATCHED (RoHS)

DRAWING NUMBER:

M80-843XXXX

SHT
2
OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M80-8431722](#) [M80-8430642](#) [M80-8430242](#) [M80-8430442](#) [M80-8431742](#) [M80-8432242](#) [M80-8430342](#) [M80-8430742](#) [M80-8430542](#) [M80-8430245](#) [M80-8430345](#) [M80-8430545](#) [M80-8430645](#) [M80-8430445](#)