

Customer Information Sheet

DRAWING No.: M80-792XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-792XXXX

TOTAL No. OF WAYS

02-07, ~~17~~, 22

FINISH

- 22 - GOLD ON CONTACT AREA
TIN/LEAD ON TAILS
- 42 - GOLD ON CONTACT AREA
100% TIN ON TAILS
- 45 - GOLD

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:

- 22 = 0.75 μ GOLD ON CONTACT AREA, 3.0 μ TIN/LEAD ON TAILS
- 42 = 0.75 μ GOLD ON CONTACT AREA, 3.0 μ 100% TIN ON TAILS
- 45 = 0.75 μ GOLD
- LATCHES = 1.25 μ 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 m Ω MAX
- CONTACT RESISTANCE (AFTER CONDITIONING) = 25 m Ω MAX
- INSULATION RESISTANCE (INITIAL) = 1,000 M Ω MIN
- INSULATION RESISTANCE (AFTER CONDITIONING) = 100 M Ω MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

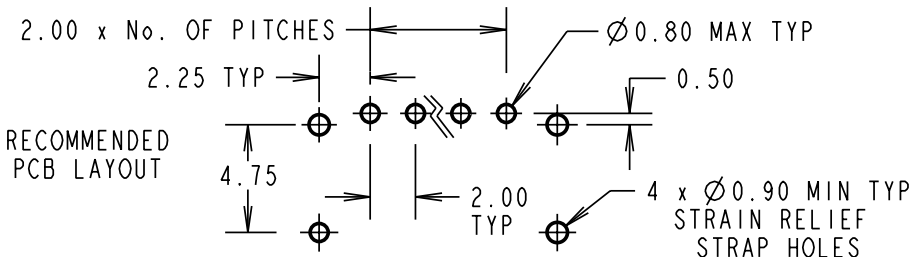
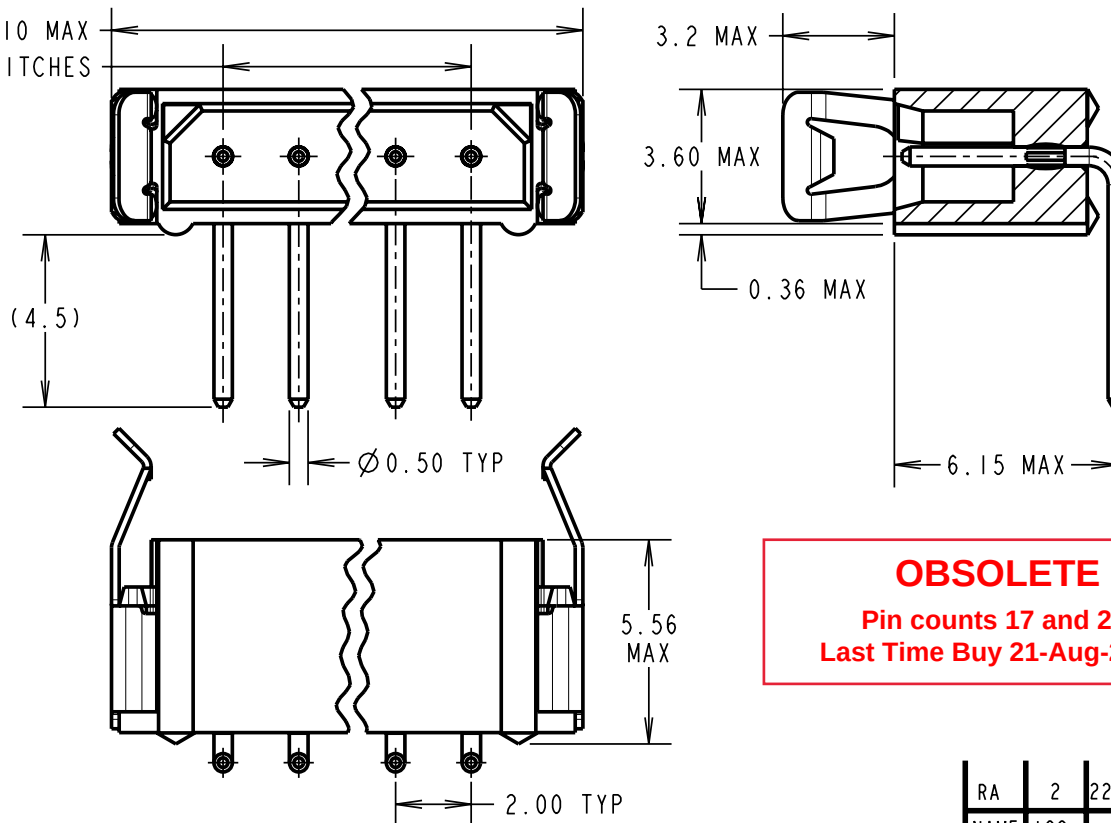
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING: TUBE

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

2.00 x No OF WAYS + 4.10 MAX
2.00 x No. OF PITCHES



OBSOLETE

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

RA	2	22.08.08	10127
NAME	ISS.	DATE	C/NOTE
APPROVED:	R.ADDE		
CHECKED:	M.G.PLESTED		
DRAWN:	JM BROOKES		
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

THIS DRAWING AND ANY
INFORMATION OR DESCRIPTIVE
MATTER SET OUT HEREON ARE
CONFIDENTIAL AND COPYRIGHT
PROPERTY OF THE HARWIN
GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

TOLERANCES

X. = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mm
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

S/AREA:

mm²

TITLE:

DATAMATE SIL
HORIZONTAL MALE PC TAIL
ASSEMBLY - LATCHED

DRAWING NUMBER:

M80-792XXXX

SHT
2
OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-7920242](#) [M80-7920342](#) [M80-7920442](#) [M80-7920542](#) [M80-7920642](#) [M80-7920742](#) [M80-7921742](#) [M80-7922242](#) [M80-7920245](#) [M80-7920345](#) [M80-7920445](#) [M80-7920545](#) [M80-7920645](#) [M80-7920745](#) [M80-7921745](#) [M80-7922245](#) [M80-7920322](#) [M80-7920222](#) [M80-7920622](#) [M80-7920722](#) [M80-7920422](#) [M80-7920522](#) [M80-7921722](#) [M80-7922222](#)