

Customer Information Sheet

DRAWING No.: M80-894XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION

MATERIAL:

MOULDING = GLASS-FILLED POLYESTER, UL94V-0

CLIP = BERYLLIUM COPPER

SHELL = BRASS

FINISH:

CONTACTS:

01 = 0.30 μ GOLD CLIP, 4.0 μ TIN/LEAD SHELL05 = 0.30 μ GOLD CLIP, 0.28 μ GOLD SHELL

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 = 20m Ω MAXAFTER CONDITIONING = 25m Ω MAX

INSULATION RESISTANCE:

INITIAL = 1000M Ω MINAFTER CONDITIONING = 100M Ω MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

MECHANICAL:

DURABILITY = 500 OPERATIONS

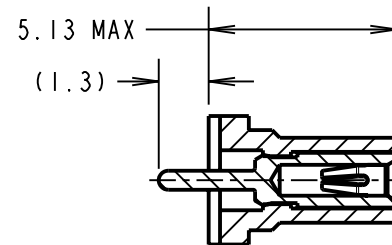
INSERTION FORCE = 2.8N MAX, 1.0N MIN

WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

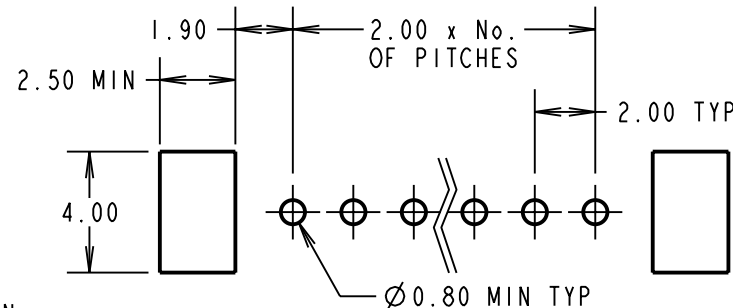
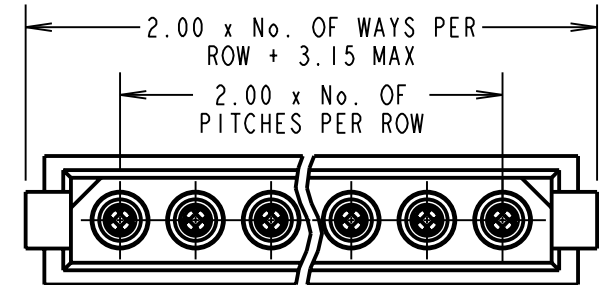
PACKING:

TUBE

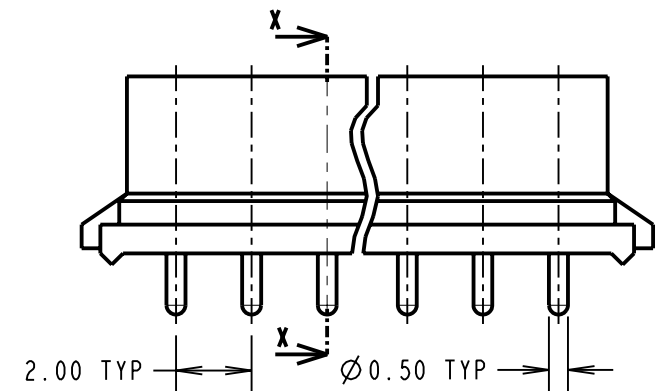
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



SECTION X-X



RECOMMENDED PCB LAYOUT



BRITISH STANDARD

ORDER CODE:

SEE NOTE 3

B5741-1XX-F-N-X

TOTAL No. OF WAYS

02 TO 07, 17 & 22

FINISH

0 - GOLD CLIP, TIN/LEAD SHELL

2 - GOLD CLIP, GOLD SHELL

COMMERCIAL
ORDER CODE:**M80-894XXXX**

TOTAL No OF WAYS

02 TO 07, 17 & 22

FINISH

01 - GOLD CLIP, TIN/LEAD SHELL

05 - GOLD CLIP, GOLD SHELL

SM	6	12.05.10	10790
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: W. J. BOURNE			
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. = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mmANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

DATAMATE 2mm PITCH
VERTICAL 1.3mm PC TAIL SIL
SOCKET ASSEMBLY

DRAWING NUMBER:

M80-894XXXXSHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8941701](#) [M80-8941705](#) [M80-8942201](#) [M80-8942205](#) [M80-8940301](#) [M80-8940701](#) [M80-8940705](#) [M80-8940505](#) [M80-8940501](#) [M80-8940601](#) [M80-8940605](#) [M80-8940205](#) [M80-8940201](#) [M80-8940405](#) [M80-8940401](#)