

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 SHELL

05 = 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 MAX

AFTER CONDITIONING = 25m Ω MAX

INSULATION RESISTANCE:

INITIAL = 1000M Ω MIN

AFTER CONDITIONING = 100M Ω MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

MECHANICAL:

DURABILITY = 500 OPERATIONS

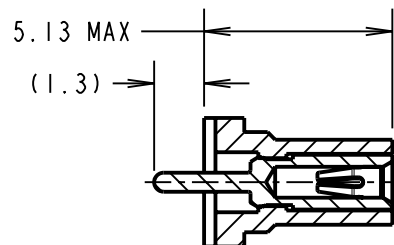
INSERTION FORCE = 2.8N MAX, 1.0N MIN

WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

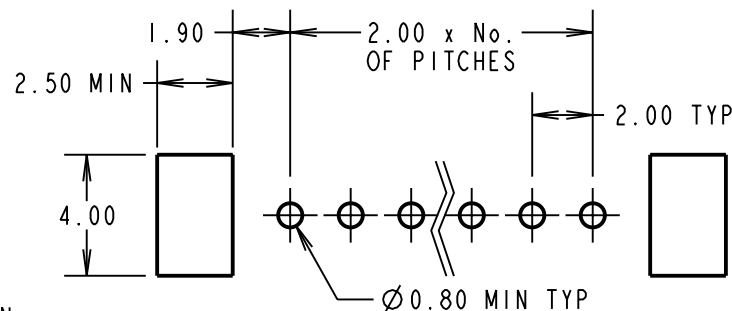
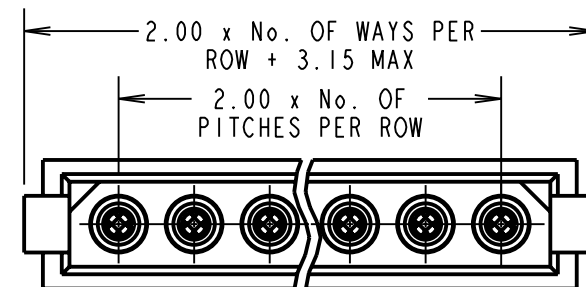
PACKING:

TUBE

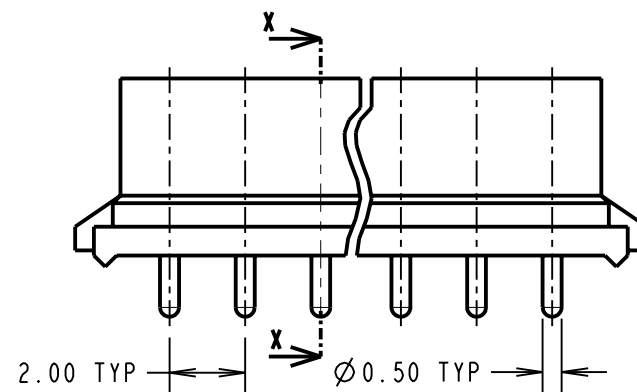
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



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:			

OBSOLETE
All M80 versions
LTB date 09-03-2018
C/N 20971

HARWIN

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DISCLOSED, LOANED, COPIED
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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: SEE ABOVE

S/AREA:

mm²

TITLE:

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

DRAWING NUMBER:

M80-894XXXX

SHT
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](#) [M80-8940305](#) [B5741-102-F-N-0](#)