

Customer Information Sheet

DRAWING No.: M80-891XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

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)

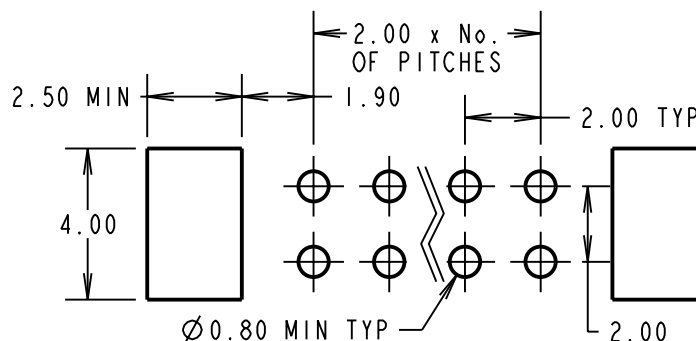
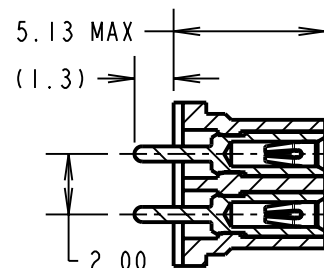
OBSOLETE

All M80 versions

LTB date 09-03-2018

C/N 20971

SECTION X-X



RECOMMENDED PCB LAYOUT

BRITISH STANDARD

ORDER CODE:

TO BS9525 F0033

B5741-2XX-F-N-X

TOTAL No. OF WAYS

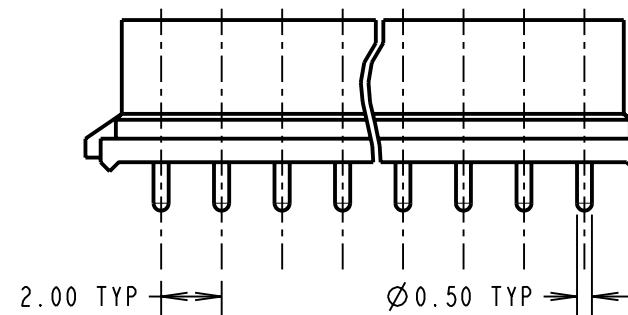
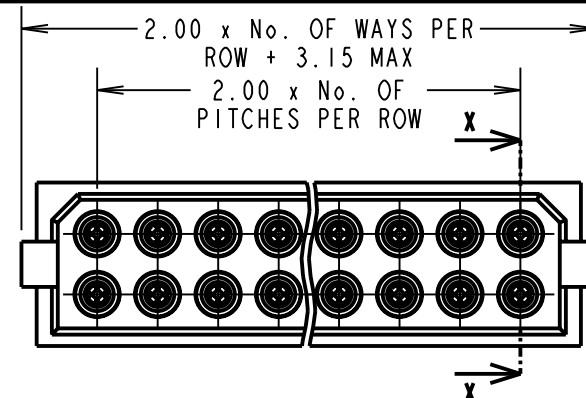
04 - 20 (EVEN NUMBERS)

26, 34, 44

FINISH

0 - GOLD CLIP, TIN/LEAD SHELL

2 - GOLD CLIP, GOLD SHELL

COMMERCIAL
ORDER CODE:**M80-891XXXX**

TOTAL No. OF WAYS

04 - 20 (EVEN NUMBERS)

26, 34, 44

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

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: SEE ABOVE

S/AREA:

mm²

TITLE:

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

DRAWING NUMBER:

M80-891XXXX

SHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8912601](#) [M80-8912605](#) [M80-8913405](#) [M80-8913401](#) [M80-8912005](#) [M80-8912001](#) [M80-8914405](#) [M80-8914401](#) [M80-8911205](#) [M80-8911201](#) [M80-8910801](#) [M80-8911601](#) [M80-8911605](#) [M80-8910405](#) [M80-8910401](#) [M80-8911405](#) [M80-8911401](#) [M80-8911005](#) [M80-8911001](#) [M80-8910605](#) [M80-8910601](#) [M80-8911805](#) [M80-8911801](#)