

Customer Information Sheet

DRAWING No.: M80-891XXXX

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

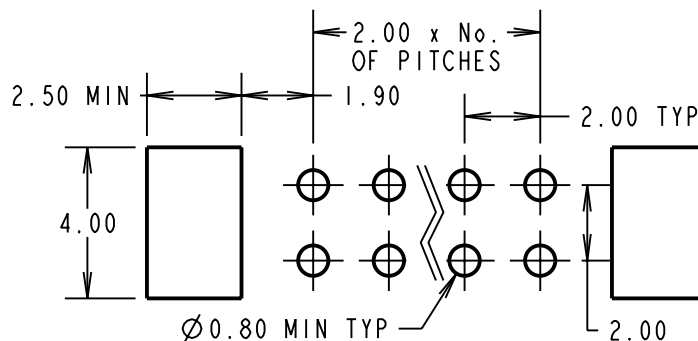
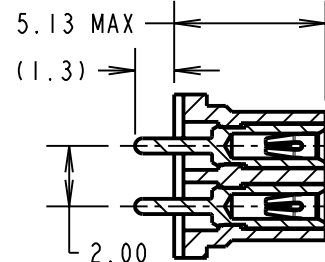
WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

PACKING:

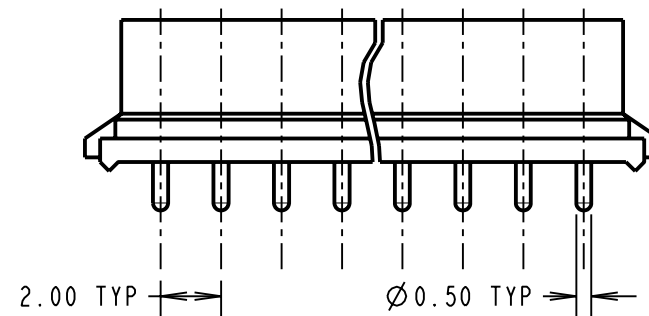
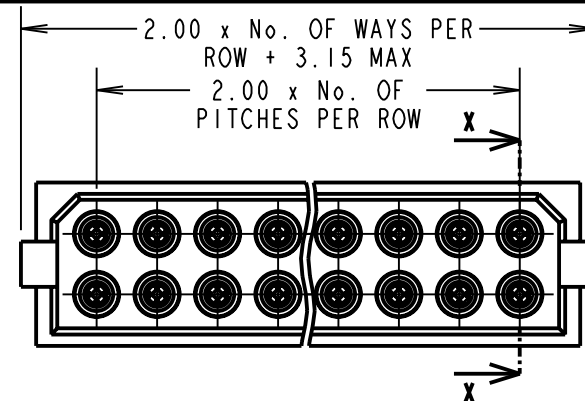
TUBE

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

SECTION X-X



RECOMMENDED PCB LAYOUT



BRITISH STANDARD

ORDER CODE:

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:

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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: mm²TITLE: DATAMATE 2mm PITCH
VERTICAL 1.3mm PC TAIL DIL
SOCKET ASSEMBLY

DRAWING NUMBER:

M80-891XXXXSHT
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](#) [B5741-218-F-N-0](#) [B5741-206-F-N-0](#) [B5741-204-F-N-0](#) [B5741-226-F-N-0](#) [B5741-220-F-N-0](#) [B5741-234-F-N-0](#) [B5741-214-F-N-0](#) [B5741-210-F-N-0](#) [B5741-216-F-N-0](#) [B5741-212-F-N-0](#) [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](#) [B5741-234-F-N-2](#)