

Customer Information Sheet

DRAWING No.: M80-888XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION:

MATERIAL:

MOULDING = GLASS-FILLED PBT UL94V-0, BLACK

CLIP = BERYLLIUM COPPER

SHELL = COPPER ALLOY

FINISH (ALL OVER NICKEL):

CONTACTS:

01 = 0.30 μ GOLD CLIP, 4.0 μ 100% TIN 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

MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE = 2.8N MAX, 1.0N MIN

WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

ENVIRONMENTAL:

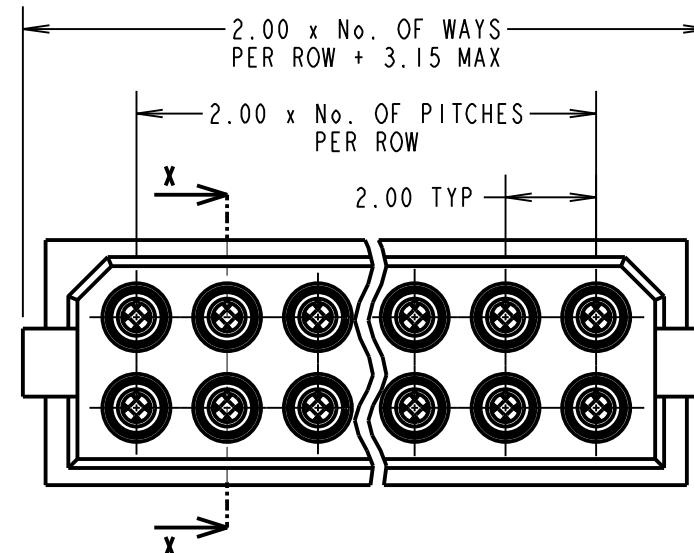
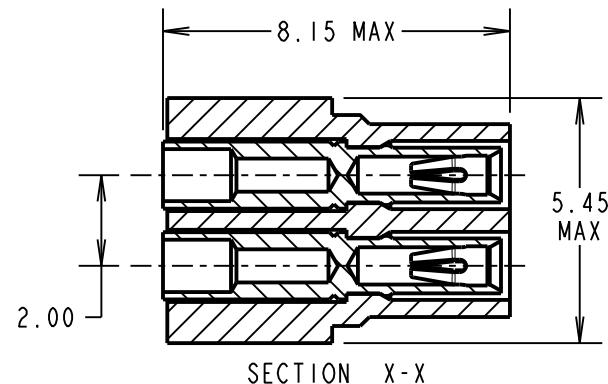
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

BAG (CONTACTS AND MOULDINGS UN-ASSEMBLED)

NOTES:

- RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED, 24-28 AWG. MAX INSULATION DIAMETER = Ø 1.10mm, STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

COMMERCIAL
ORDER CODE:**M80-888XXXX**TOTAL No. OF WAYS
04 - 20, 26, 34FINISH:
01 - GOLD CLIP, 100% TIN SHELL
05 - GOLD CLIP, GOLD SHELLBRITISH STANDARD
ORDER CODE: TO BS9525 F0033**B5740-2XX-F-C-X**TOTAL No. OF WAYS
04 - 20, 26, 34FINISH:
0 - GOLD CLIP, 100% TIN SHELL
2 - GOLD CLIP, GOLD SHELL

SM 13 08.08.11 11389

NAME ISS. DATE C/NOTE

APPROVED: S. MCCULLAGH

CHECKED: R. ADDE

DRAWN: W. J. BOURNE

CUSTOMER REF.:

ASSEMBLY DRG.:

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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: mm²TITLE: DATAMATE 2mm PITCH
CRIMP DIL SOCKET ASSY
SMALL BORE (24-28 AWG)DRAWING NUMBER:
M80-888XXXXSHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

[Harwin](#):

[B5740-234-F-C-0](#) [B5740-220-F-C-0](#) [B5740-208-F-C-0](#) [B5740-212-F-C-0](#)