

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:

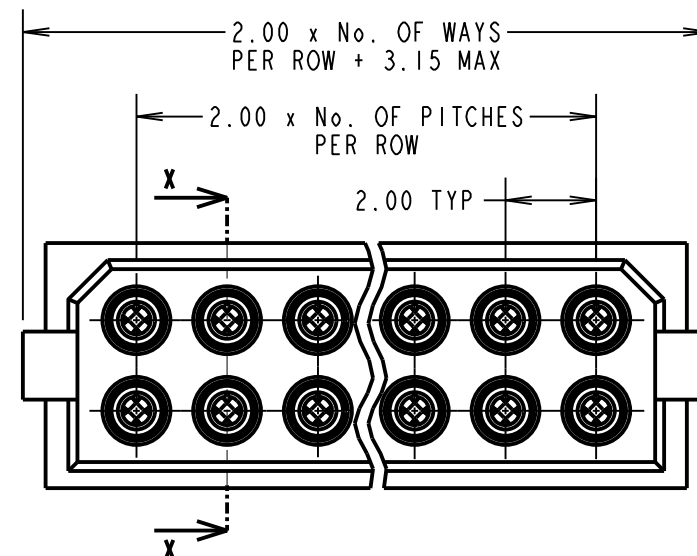
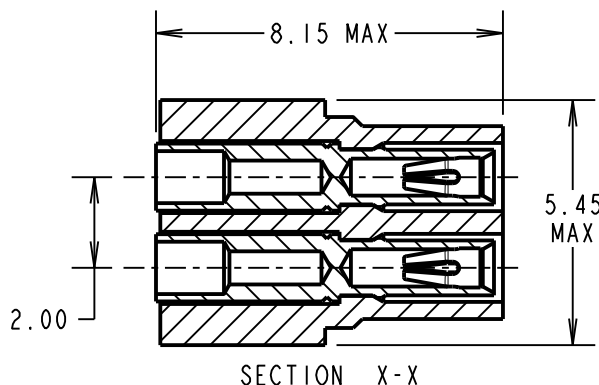
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

BAG (CONTACTS AND MOULDINGS UN-ASSEMBLED)

NOTES:

1. RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED, 24-28 AWG. MAX INSULATION DIAMETER = \varnothing 1.10mm, STRIP WIRE BY 2.00mm.
2. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
3. 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, 34

FINISH:

01 - GOLD CLIP, 100% TIN SHELL

05 - GOLD CLIP, GOLD SHELL

BRITISH STANDARD

ORDER CODE: TO BS9525 F0033

B5740-2XX-F-C-X

TOTAL No. OF WAYS

04 - 20, 26, 34

FINISH:

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:			

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. = \pm 1mm
X.X = \pm 0.25mm
X.XX = \pm 0.10mm
X.XXX = \pm 0.01mm

ANGLES = \pm 5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE: 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](#)