

Customer Information Sheet

DRAWING No.: M80-888XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

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 = 0.30µ GOLD CLIP, 4.0µ 100% TIN SHELL
 05 = 0.30µ GOLD CLIP, 0.28µ 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 = 20mΩ MAX
 AFTER CONDITIONING = 25mΩ MAX

INSULATION RESISTANCE:

INITIAL = 1000MΩ MIN
 AFTER CONDITIONING = 100MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS
 INSERTION FORCE = 2.8N MAX, 1.0N MIN
 WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

ENVIRONMENTAL:

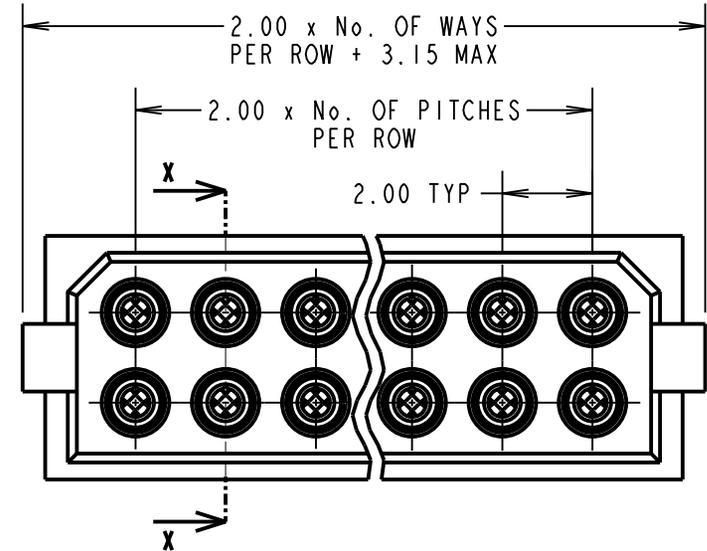
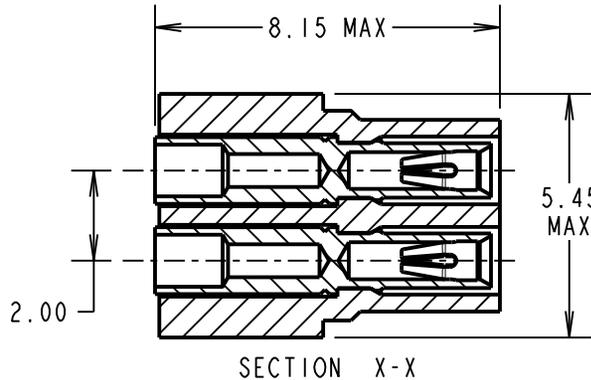
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

BAG (CONTACTS AND MOULDINGS UN-ASSEMBLED)

NOTES:

- RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED, 24-28 AWG. MAX INSULATION DIAMETER = \varnothing 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, 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 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. = ±1mm
 X.X = ±0.25mm
 X.XX = ±0.10mm
 X.XXX = ±0.01mm
 ANGLES = ±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:
M80-888XXXX
 SHT 2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8880405](#) [M80-8881605](#) [M80-8883405](#) [M80-8881005](#) [M80-8880605](#) [M80-8882605](#) [M80-8880805](#) [M80-8881205](#) [M80-8882005](#) [M80-8881805](#) [M80-8881405](#) [B5740-218-F-C-2](#) [B5740-208-F-C-2](#) [B5740-226-F-C-2](#) [B5740-220-F-C-2](#) [B5740-206-F-C-2](#) [B5740-204-F-C-2](#) [B5740-214-F-C-2](#) [B5740-210-F-C-2](#) [B5740-216-F-C-2](#) [B5740-212-F-C-2](#) [B5740-234-F-C-2](#) [M80-8880401](#) [M80-8881001](#) [M80-8881601](#)