

Customer Information Sheet

DRAWING No.: M80-889XXXX

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 = 0.75 μ GOLD CLIP, 4 μ 100% TIN OVER
NICKEL 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:

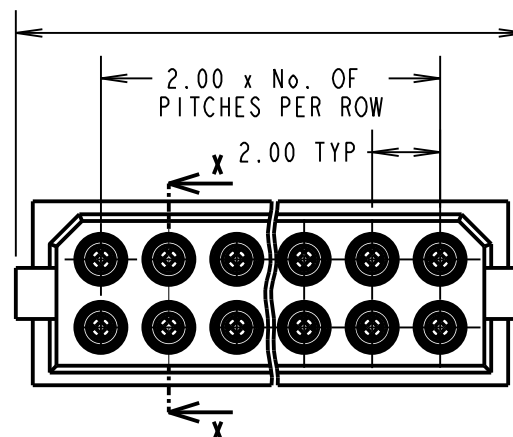
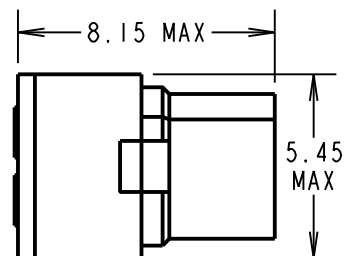
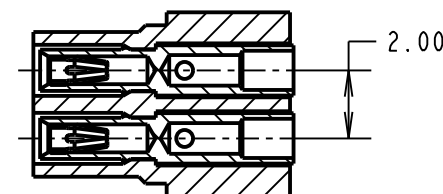
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

BAG (CONTACTS AND MOULDINGS UN-ASSEMBLED)

FOR COMPLETE SPECIFICATION, SEE COMPONENT

SPECIFICATION C005XX (LATEST ISSUE)

2.00 x No. OF WAYS PER ROW
+ 3.15 MAX**SECTION X-X****COMMERCIAL
ORDER CODE:****M80-889XXXX****TOTAL No. OF WAYS**04, 06, 08, 10, 12, 14, 16,
18, 20, 26, 34**FINISH:**01 - GOLD CLIP, 100% TIN SHELL
05 - GOLD CLIP, GOLD SHELL**NOTES:**

1. RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED, 22 AWG. MAX INSULATION DIAMETER = $\varnothing$ 1.10mm, STRIP WIRE BY 2.00mm.
2. FOR EXTRA CONTACTS, USE PART NUMBER M80-0110005 FOR M80-889XX05 AND M80-0110001 FOR M80-889XX01.
3. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
4. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

BRITISH STANDARD

ORDER CODE: TO BS9525 F0033

B5740-2XX-F-D-X**TOTAL No. OF WAYS**04, 06, 08, 10, 12, 14, 16,
18, 20, 26, 34**FINISH:**0 - GOLD CLIP, TIN SHELL
2 - GOLD CLIP, GOLD SHELL

SB	11	22.07.11	11376
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.G.PLESTED			
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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TOLERANCESX. = $\pm$ 1mm
X.X = $\pm$ 0.25mm
X.XX = $\pm$ 0.10mm
X.XXX = $\pm$ 0.01mmANGLES = $\pm$ 5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²TITLE: DATAMATE 2mm PITCH
CRIMP DIL SOCKET ASSY
LARGE BORE (22 AWG)

DRAWING NUMBER:

M80-889XXXXSHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8890805](#) [M80-8890605](#) [B5740-208-F-D-2](#) [B5740-218-F-D-2](#) [B5740-220-F-D-2](#) [B5740-226-F-D-2](#) [B5740-204-F-D-2](#) [B5740-206-F-D-2](#) [B5740-210-F-D-2](#) [B5740-214-F-D-2](#) [B5740-212-F-D-2](#) [B5740-216-F-D-2](#) [B5740-210-F-D-0](#) [B5740-234-F-D-2](#) [M80-8890405](#) [M80-8892005](#) [M80-8891605](#) [M80-8891205](#) [M80-8891805](#) [M80-8891005](#) [M80-8893405](#) [M80-8892605](#) [M80-8891405](#)