

Customer Information Sheet

DRAWING No.: M80-899XXXX

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

BRITISH STANDARD

ORDER CODE: TO BS9525 F0033

B5740-1XX-F-D-X

TOTAL No. OF CONTACTS:
02 - 07 & 17

FINISH:

0 = GOLD CLIP, TIN SHELL
2 = GOLD CLIP, GOLD SHELL

ORDER CODE:

M80-899XXXX

TOTAL No. OF CONTACTS:
02 - 07 & 17

FINISH:

01 = GOLD CLIP, TIN SHELL
05 = GOLD CLIP, GOLD SHELL

SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED POLYESTER UL94V-0, BLACK

CLIP = BERYLLIUM COPPER

SHELL = COPPER ALLOY

FINISH:

01 = 0.30µ GOLD CLIP, 4.0µ 100% TIN OVER NICKEL SHELL

05 = 0.30µ GOLD CLIP, 0.28µ GOLD SHELL

ELECTRICAL:

CUURENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 800V AC/DC

VOLTAGE PROOF = 1200V AC/DC

CONTACT RESISTANCE:

INITIAL: 20mΩ MAX

AFTER CONDITIONING: 25mΩ MAX

INSULATION RESISTANCE:

INITIAL = 1000MΩ MIN

AFTER CONDITIONING = 100MΩ MIN

MECHANICAL:

DURAILITY = 500 OPERATIONS

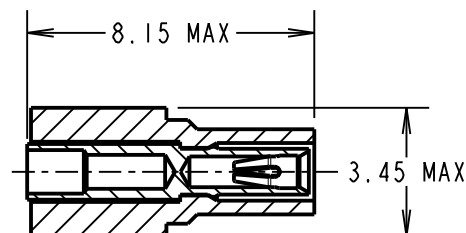
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

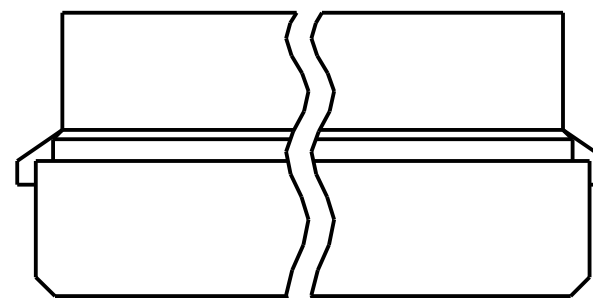
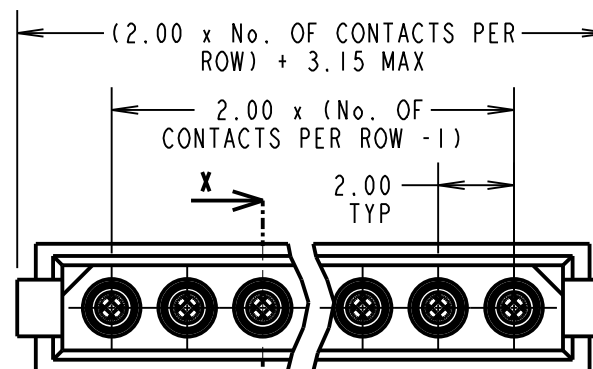
PACKING = BAG (CONTACTS AND MOULDINGS

UN-ASSEMBLED)

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



SECTION X-X



NOTES:

1. RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED, 22 AWG. MAX INSULATION DIAMETER = Ø1.10mm. STRIP WIRE BY 2.00mm.
2. FOR EXTRA CONTACTS, USE PART NUMBER M80-0110005 FOR M80-899XX05 AND M80-0110001 FOR M80-899XX01.
4. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
5. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

MSP	13	29.10.14	12649
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		S.BENNETT	
DRAWN:		W. J. BOURNE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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 CRIMP
SIL SOCKET ASSEMBLY
LARGE BORE (22AWG)

DRAWING NUMBER:

M80-899XXXX

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8990705](#) [M80-8990305](#) [M80-8990505](#) [M80-8991705](#) [B5740-105-F-D-2](#) [B5740-107-F-D-2](#) [B5740-103-F-D-2](#)
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