

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:

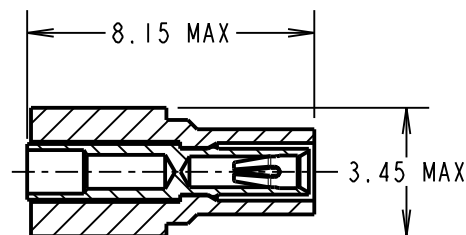
MATERIAL:
MOULDING = GLASS-FILLED POLYESTER UL94V-0, BLACK
CLIP = BERYLLIUM COPPER
SHELL = COPPER ALLOY

FINISH:
01 = 0.30μ GOLD CLIP, 4.0μ 100% TIN OVER NICKEL SHELL
05 = 0.30μ GOLD CLIP, 0.28μ GOLD SHELL

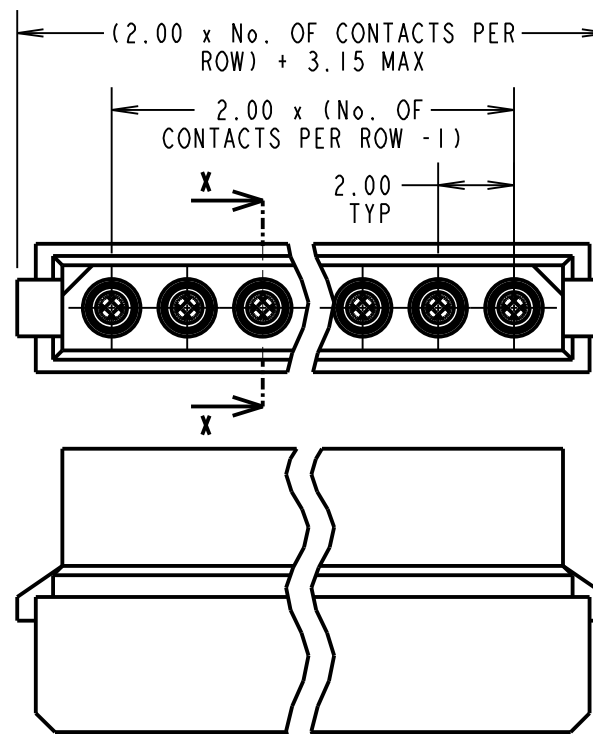
ELECTRICAL:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 1200V AC/DC

CONTACT RESISTANCE:
INITIAL: 20mΩ MAX
AFTER CONDITIONING: 25mΩ MAX
INSULATION RESISTANCE:
INITIAL = 1000MΩ MIN
AFTER CONDITIONING = 100MΩ MIN

MECHANICAL:
DURABILITY = 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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