

# Customer Information Sheet

DRAWING No.: M80-898XXXX

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

BRITISH STANDARD

ORDER CODE: TO BS9525 F0033

**B5740-1XX-F-C-X**

TOTAL No. OF CONTACTS: \_\_\_\_\_  
02 - 07 & 17

FINISH: \_\_\_\_\_  
0 = GOLD CLIP, TIN SHELL  
2 = GOLD CLIP, GOLD SHELL

ORDER CODE:

**M80-898XXXX**

TOTAL No. OF CONTACTS: \_\_\_\_\_  
02 - 07 & 17

FINISH \_\_\_\_\_  
01 = GOLD CLIP, TIN SHELL  
05 = GOLD CLIP, GOLD SHELL

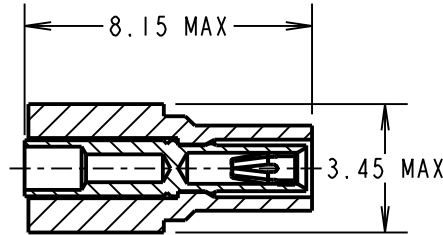
SPECIFICATIONS:

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

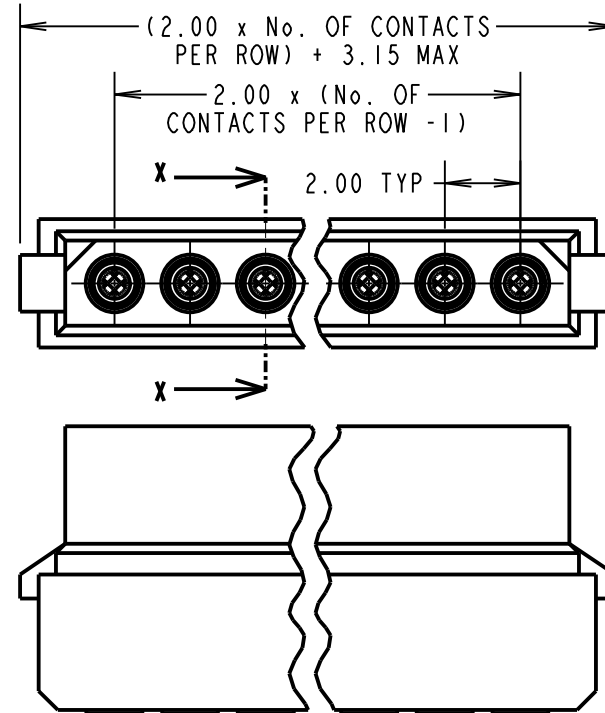
FINISH:  
01 = 0.30µ GOLD CLIP, 4.0µ 100% TIN OVER NICKEL SHELL  
05 = 0.30µ GOLD CLIP, 0.28µ GOLD SHELL

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, 24 - 28 AWG. MAX INSULATION DIAMETER = Ø1.10mm. STRIP WIRE BY 2.00mm.
2. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. SEE TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INFORMATION.
3. CONTACT INSERTION & EXTRACTION TOOL = Z80-280. REFER TO INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

MSP	12	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: mm<sup>2</sup>

TITLE:

DATAMATE CRIMP  
SIL SOCKET ASSEMBLY  
SMALL BORE (24 - 28AWG)

DRAWING NUMBER:

**M80-898XXXX**

SHT  
2 OF 2