

# 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**

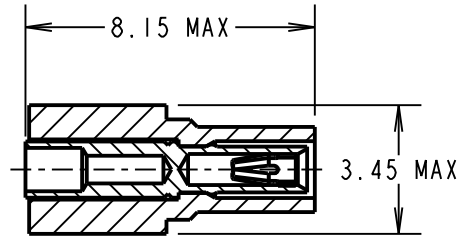
TOTAL No. OF WAYS: \_\_\_\_\_  
02 TO 07, 17 & 22

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

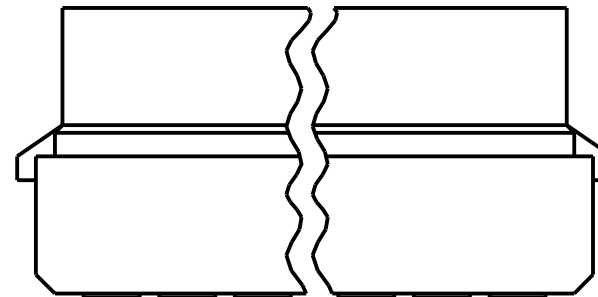
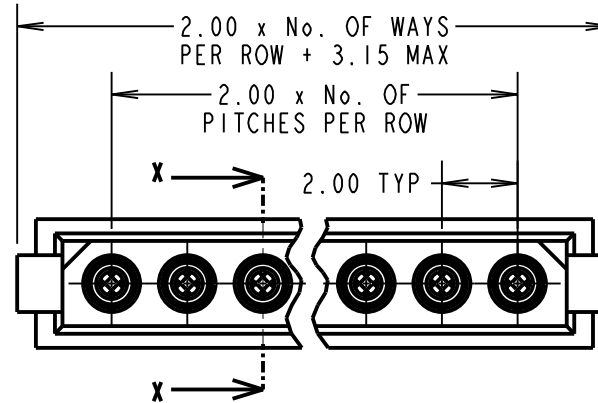
ORDER CODE:  
**M80-898XXXX**

TOTAL No. OF WAYS: \_\_\_\_\_  
02 - 07, 17 & 22

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



SECTION X-X



**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 = 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  
ENVIRONMENTAL:  
TEMPERATURE RANGE = -55°C TO +125°C  
PACKING = BAG (CONTACTS AND MOULDINGS UN-ASSEMBLED)

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

**NOTES:**

- RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED, 24 - 28 AWG. MAX INSULATION DIAMETER = Ø1.10mm. STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M2520/2-01 WITH POSITIONER T5747. SEE TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INFORMATION.
- CONTACT INSERTION & EXTRACTION TOOL = Z80-280. REFER TO INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

SM	11	08.08.11	11389
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED:		R. ADDE	
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  
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