

Customer Information Sheet

DRAWING No.: M80-899XXXX

IF IN DOUBT - ASK

©

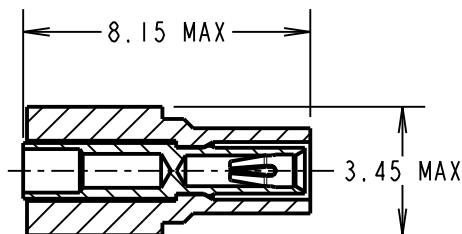
NOT TO SCALE

THIRD ANGLE PROJECTION

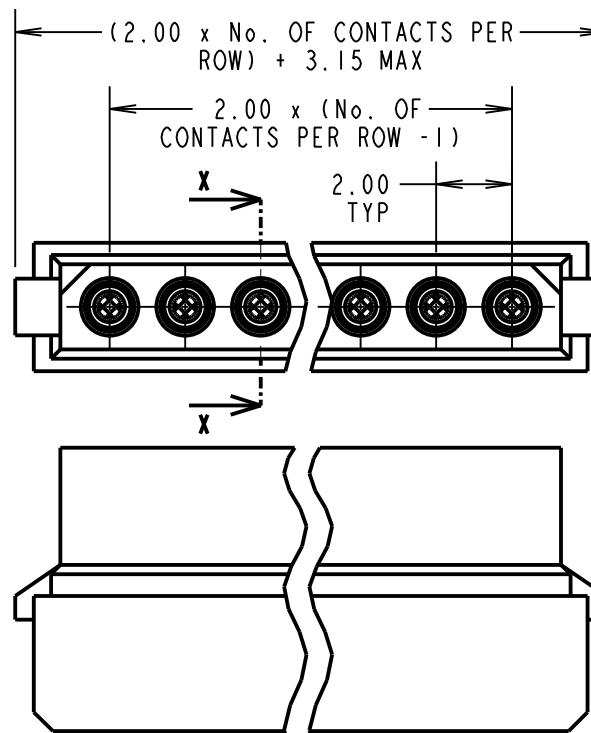
ALL DIMENSIONS IN mm

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



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:
 CUURRENT 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)

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