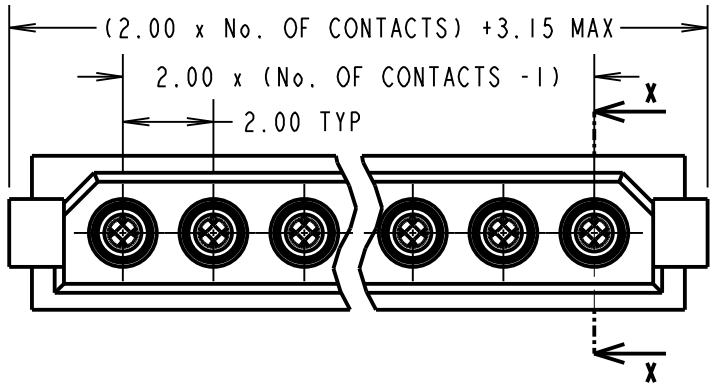
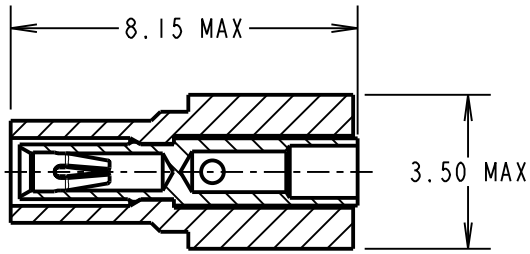
Customer Information Sheet

DRAWING No.: M80-611XXXX	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

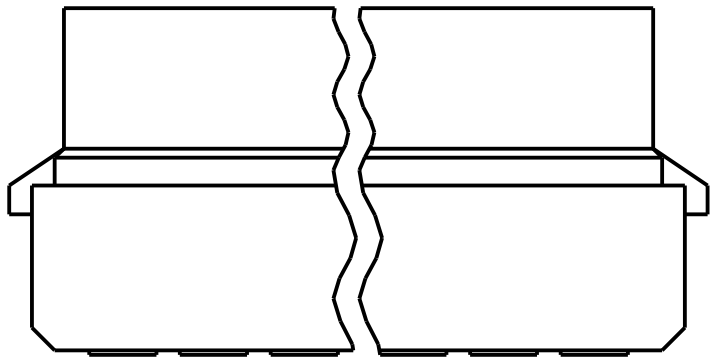
SPECIFICATIONS:
- MATERIAL:
  - MOULDING = HIGH TEMP. POLYAMIDE 46, UL94V-0, BLACK
  - CLIP = BERYLLIUM COPPER
  - SHELL = COPPER ALLOY
- FINISH:
  - 42 = 0.30µ GOLD CLIP, 4.0µ 100% TIN OVER NICKEL SHELL
  - 45 = 0.30µ GOLD CLIP, 0.28µ GOLD SHELL
- ELECTRICAL:
  - CURRENT RATING AT 25°C = 3.0A MAX
  - CURRENT RATING AT 85°C = 2.2A MAX
  - WORKING VOLTAGE = 800V AC/DC
  - VOLTAGE PROOF = 1200V AC/DC
  - CONTACT RESISTANCE:
    - INITIAL = 25mΩ MAX
    - AFTER CONDITIONING = 20mΩ MAX
  - INSULATION RESISTANCE:
    - INITIAL = 1000MΩ MIN
    - AFTER CONDITIONING = 100MΩ MIN
- ENVIRONMENTAL:
  - TEMPERATURE RANGE = -55°C TO +125°C
- MECHANICAL:
  - DURABILITY = 500 OPERATIONS
  - INSERTION FORCE = 2N MAX
  - WITHDRAWAL FORCE = 0.2N MIN
- PACKING:
  - BAGS (CONNECTOR SUPPLIED UN-ASSEMBLED)

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





SECTION X-X



ORDER CODE: **M80-611XXXX**

TOTAL No. OF WAYS
02 - 07, 17

FINISH:
42 - GOLD CLIP, 100% TIN SHELL
45 - GOLD CLIP, GOLD SHELL

NOTES:
1. FOR EXTRA CONTACTS, USE PART NUMBER M80-0110005 FOR M80-611XX45 AND M80-0110001 FOR M80-611XX42.
2. RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 22 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
3. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
4. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

NAME	ISS.	DATE	C/NOTE
MSP	5	16.06.15	12810

APPROVED:	M.PERREN
CHECKED:	M.PLESTED
DRAWN:	W. J. BOURNE
CUSTOMER REF.:	
ASSEMBLY DRG:	

HARWIN
www.harwin.com
technical@harwin.com

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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
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: M80-611XXXX

SHT 2 OF 2