

Customer Information Sheet

DRAWING No.: M80-613XXXX

IF IN DOUBT - ASK

(C)

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

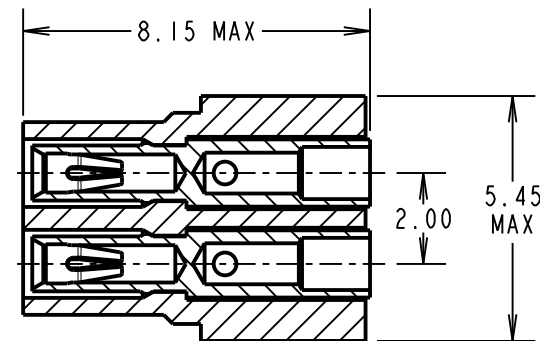
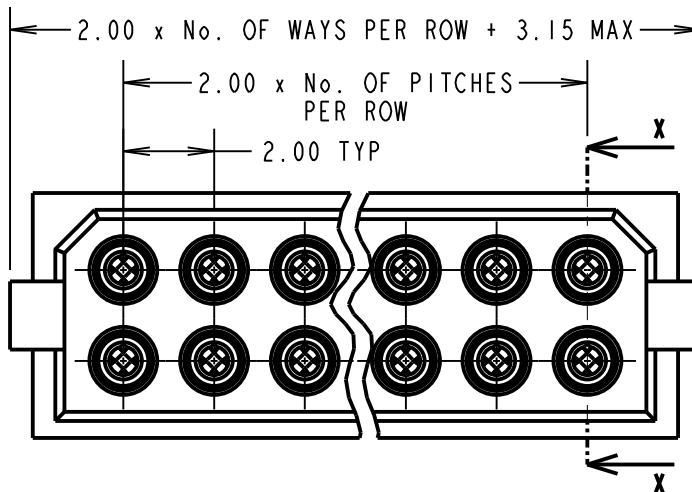
FINISH:
 42 = 0.30µ GOLD CLIP, 4.0µ 100% TIN
 OVER NICKEL SHELL
 45 = 0.30µ GOLD CLIP, 0.28µ GOLD SHELL

ELECTRICAL:
 CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 WORKING VOLTAGE = 120V AC/DC
 VOLTAGE PROOF = 360V AC/DC
 CONTACT RESISTANCE:
 INITIAL = 25mΩ MAX
 AFTER CONDITIONING = 20mΩ MAX
 INSULATION RESISTANCE:
 INITIAL = 1000MΩ MIN
 AFTER CONDITIONING = 100MΩ MIN

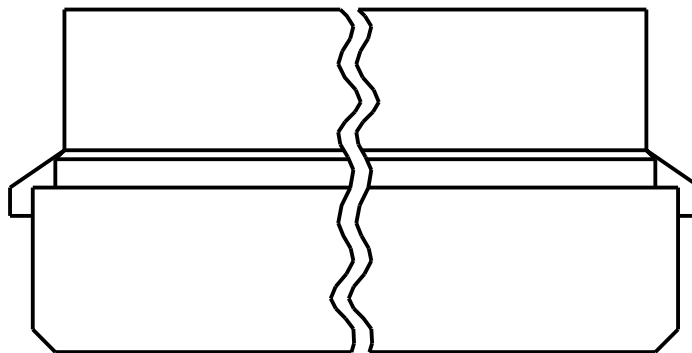
ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C

MECHANICAL:
 DURABILITY = 500 OPERATIONS
 INSERTION FORCE = 2.8N MAX, 1.0N MIN
 WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

PACKING:
 BAGS (CONNECTOR SUPPLIED UN-ASSEMBLED)
 FOR COMPLETE SPECIFICATION, SEE COMPONENT
 SPECIFICATION C005XX (LATEST ISSUE)



SECTION X-X



ORDER CODE:

M80-613XXXX

TOTAL No. OF WAYS _____
 04 - 20, 26, 34 (EVEN NUMBERS
 ONLY)

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

NOTES:

- RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED 22AWG. MAX INSULATION DIAMETER = \varnothing 1.10mm. STRIP WIRE BY 2.00mm.
- FOR EXTRA CONTACTS, USE PART NUMBER M80-0110005 FOR M80-613XX45 AND M80-0110001 FOR M80-613XX42.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

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|----------------|------|-------------|--------|
| SB | 4 | 22.07.11 | 11376 |
| NAME | ISS. | DATE | C/NOTE |
| APPROVED: | | S.BENNETT | |
| CHECKED: | | M.G.PLESTED | |
| DRAWN: | | I. SANDY | |
| CUSTOMER REF.: | | | |
| ASSEMBLY DRG: | | | |

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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
 DIL SOCKET ASSEMBLY
 LARGE BORE (22AWG)

DRAWING NUMBER:

M80-613XXXX

SHT
 2 OF 2

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