

Customer Information Sheet

DRAWING No.: M80-813XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

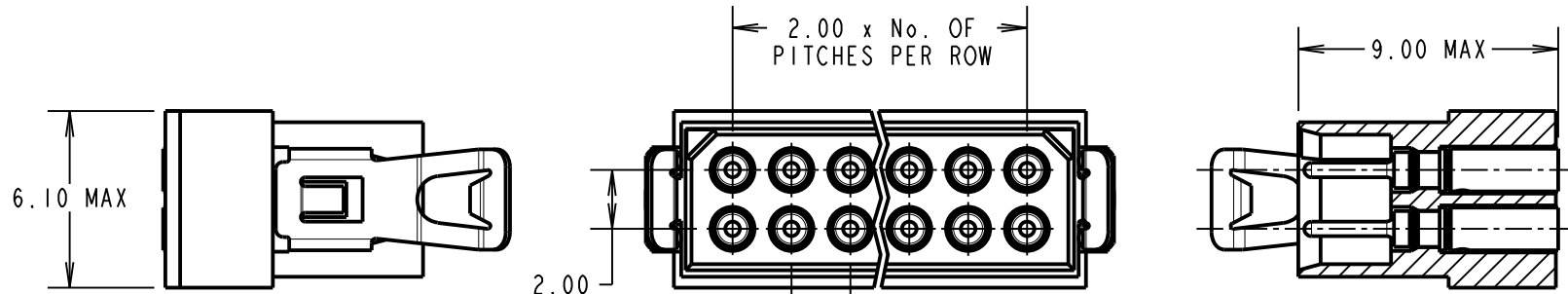
ALL DIMENSIONS IN mm

ORDER CODE:

M80-813XXXX

TOTAL No. OF WAYS
04, 06, 08, 10, 12

FINISH
05 - GOLD



SPECIFICATIONS:

MATERIAL:
MOULDING = GLASS-FILLED
POLYAMIDE 46 UL94V-0, BLACK

CONTACTS = BRASS
LATCH = BERYLLIUM COPPER

FINISH:
CONTACTS:
05 = 0.25-0.30µ GOLD
LATCH = 1.25µ NICKEL

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

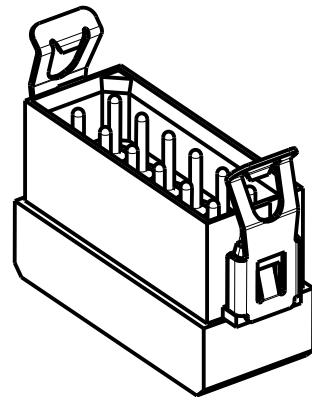
CONTACT RESISTANCE:
INITIAL = 20 mΩ MAX
AFTER CONDITIONING = 25 mΩ MAX

INSULATION RESISTANCE:
INITIAL = 1,000 MΩ MIN
AFTER CONDITIONING = 100 MΩ 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:

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 M80-0400005.
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.

| | | | |
|----------------------|------|----------|--------|
| SB | 8 | 25.07.11 | 11376 |
| NAME | ISS. | DATE | C/NOTE |
| APPROVED: S.BENNETT | | | |
| CHECKED: M.G.PLESTED | | | |
| DRAWN: W. J. BOURNE | | | |
| 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:

S/AREA:

mm²

TITLE: DATAMATE 2mm PITCH
CRIMP DIL LATCH PLUG ASSY
LARGE BORE (22 AWG)

DRAWING NUMBER:

M80-813XXXX

SHT
2 OF 2