

Customer Information Sheet

DRAWING No.: M80-808XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

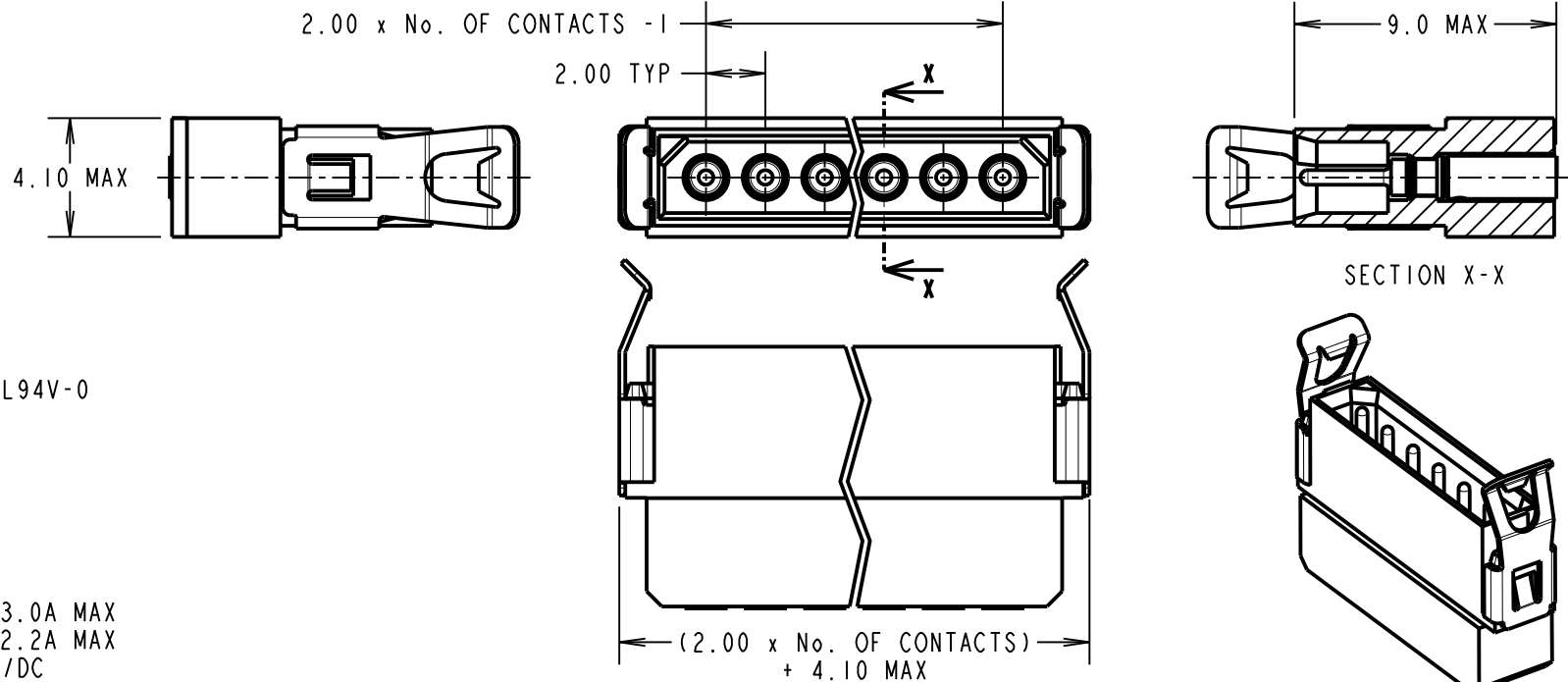
ALL DIMENSIONS IN mm

ORDER CODE:

M80-808XXX

TOTAL No. OF WAYS
02, 03, 04, 05, 06, 07

FINISH
05 - GOLD



SPECIFICATIONS:

- MATERIAL:**
 MOULDING = GLASS-FILLED POLYAMIDE 46 UL94V-0
 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 = 800V AC/DC
 VOLTAGE PROOF = 1200V AC/DC
 CONTACT RESISTANCE (INITIAL) = 20mΩ MAX
 CONTACT RESISTANCE (AFTER CONDITIONING) = 25mΩ MAX
 INSULATION RESISTANCE (INITIAL) = 1,000MΩ MIN
 INSULATION RESISTANCE (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:

1. RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED, 24-28 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
2. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
3. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.
4. CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
5. FOR EXTRA CONTACTS USE PART NUMBER M80-0410005.

MSP	4	18.01.17	20097
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		W. J. BOURNE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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:

S/AREA: mm²

TITLE: DATAMATE 2mm PITCH
CRIMP SIL LATCH PLUG ASSY
SMALL BORE (24-28 AWG)

DRAWING NUMBER: M80-808XXX

SHT 2 OF 2

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