

Customer Information Sheet

DRAWING No.: M80-806XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

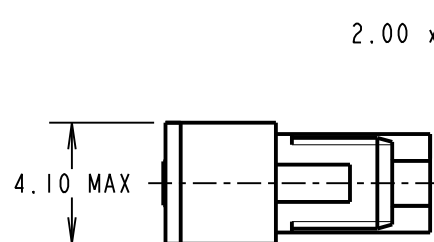
M80-806XXX

TOTAL No. OF WAYS

02, 03, 04, 05, 06, 07

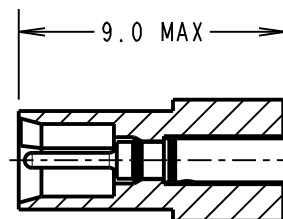
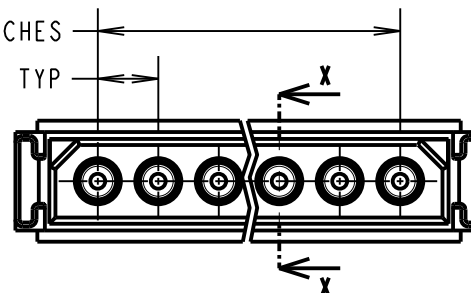
FINISH

05 - GOLD

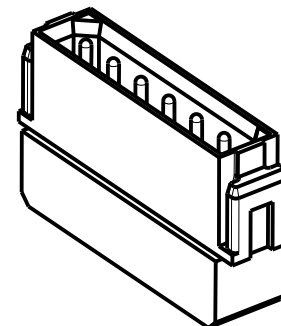
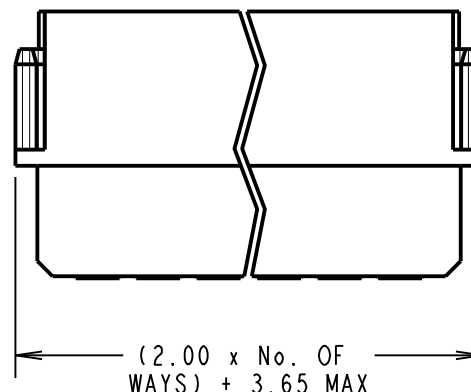


2.00 x No. OF PITCHES

2.00 TYP



SECTION X-X

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

CONTACTS = BRASS

FINISH:**CONTACTS:**05 = 0.25-0.30 μ GOLD**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 m Ω MAXCONTACT RESISTANCE (AFTER CONDITIONING) = 25 m Ω MAXINSULATION RESISTANCE (INITIAL) = 1,000 M Ω MININSULATION RESISTANCE (AFTER CONDITIONING) = 100 M Ω 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 = \varnothing 1.10mm, 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.

| | | | |
|---------------------|------|----------|--------|
| MGP | 2 | 29.07.11 | 11396 |
| NAME | ISS. | DATE | C/NOTE |
| APPROVED: MGP | | | |
| CHECKED: RA | | | |
| DRAWN: W. J. BOURNE | | | |
| CUSTOMER REF.: | | | |
| ASSEMBLY DRG: | | | |

HARWIN

| | | |
|--|--|--|
| HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com | HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk | HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg |
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TOLERANCESX. = \pm 1mm
X.X = \pm 0.25mm
X.XX = \pm 0.10mm
X.XXX = \pm 0.01mmANGLES = \pm 5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

S/AREA:

mm²**TITLE:**DATAMATE 2mm PITCH
CRIMP SIL PLUG ASSEMBLY
SMALL BORE (24-28 AWG)**DRAWING NUMBER:****M80-806XXX**SHT
2
OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M80-8060205](#) [M80-8060305](#) [M80-8060705](#) [M80-8060405](#) [M80-8060605](#) [M80-8060505](#)