

Customer Information Sheet

DRAWING No.: M80-806XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

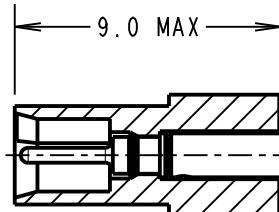
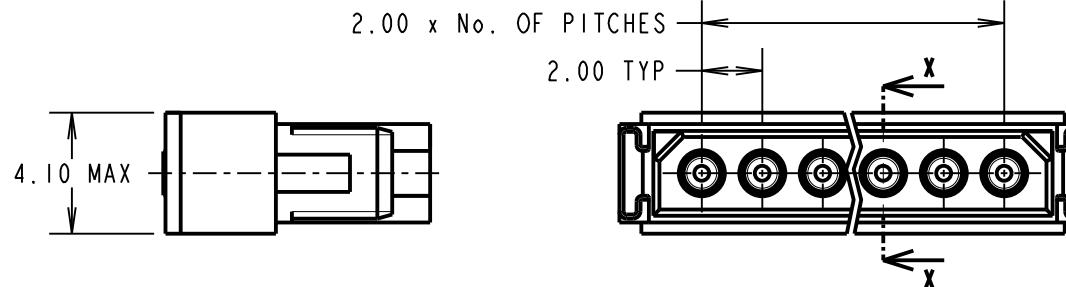
M80-806XXXX

TOTAL No. OF WAYS

02, 03, 04, 05, 06, 07

FINISH

05 - GOLD



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 MAX

CONTACT RESISTANCE (AFTER CONDITIONING) = 25 m Ω MAX

INSULATION RESISTANCE (INITIAL) = 1,000 M Ω MIN

INSULATION RESISTANCE (AFTER CONDITIONING) = 100 M Ω MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

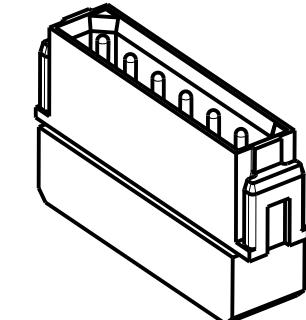
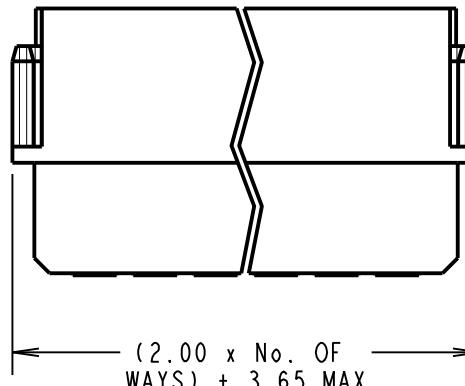
ENVIRONMENTAL:

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 = 01.10mm, 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/NODE

APPROVED: MGP

CHECKED: RA

DRAWN: W. J. BOURNE

CUSTOMER REF.:

ASSEMBLY DRG.:

HARWIN

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TOLERANCES

X. = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mm
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

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

DRAWING NUMBER:

M80-806XXXX

SHT
2
OF 2

Mouser Electronics

Authorized Distributor

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

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