

Customer Information Sheet

DRAWING No.: M80-807XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

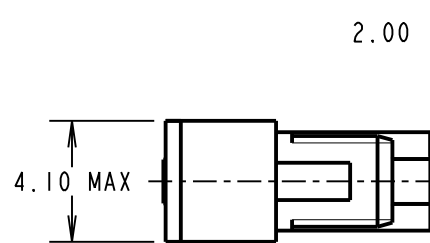
M80-807XXX

TOTAL No. OF WAYS

02, 03, 04, 05, 06, 07

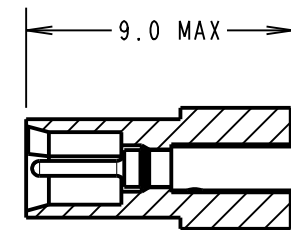
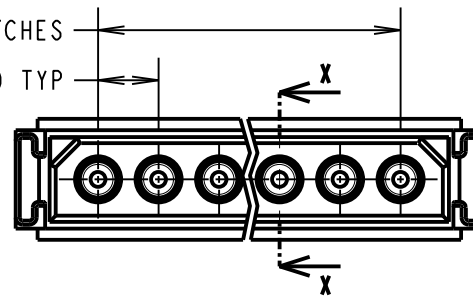
FINISH

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 = 0.25-0.30µ 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 mΩ MAX

CONTACT RESISTANCE (AFTER CONDITIONING) = 25 mΩ MAX

INSULATION RESISTANCE (INITIAL) = 1,000 MΩ MIN

INSULATION RESISTANCE (AFTER CONDITIONING) = 100 MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

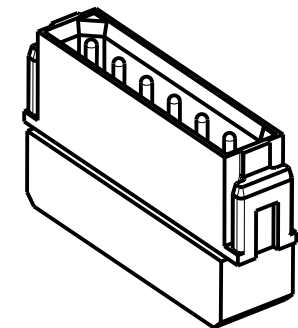
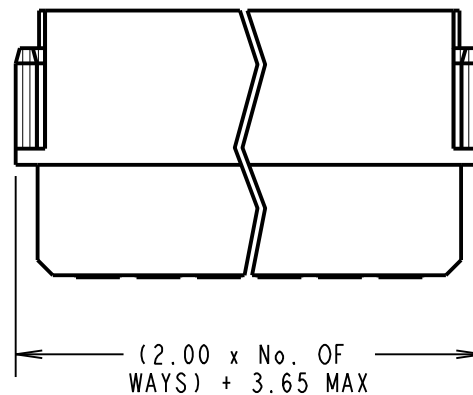
ENVIRONMENTAL:

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. 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 M80-040005.

MGP	3	29.07.11	11396
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: RA			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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 SIL PLUG ASSEMBLY
LARGE BORE (22 AWG)

DRAWING NUMBER:

M80-807XXX

SHT

2 OF 2

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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