

Customer Information Sheet

DRAWING No.: M80-811XX05

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-811XX05

TOTAL No. OF WAYS

04, 06, 08, 10 & 12

FINISH

05 - GOLD

SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED
POLYAMIDE 46 UL94V-0

CONTACTS = COPPER ALLOY

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 = 20mΩ MAX

AFTER CONDITIONING = 25mΩ MAX

INSULATION RESISTANCE:

INITIAL = 1,000MΩ MIN

AFTER CONDITIONING = 100MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

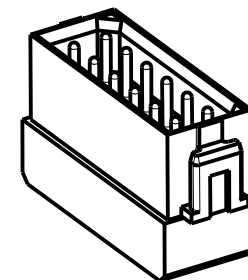
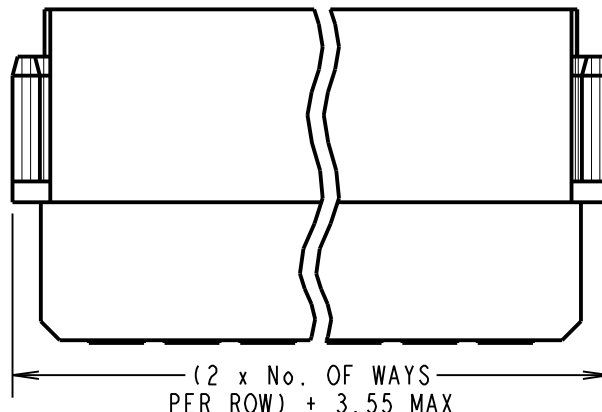
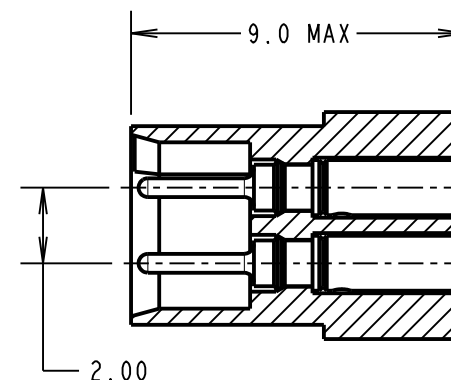
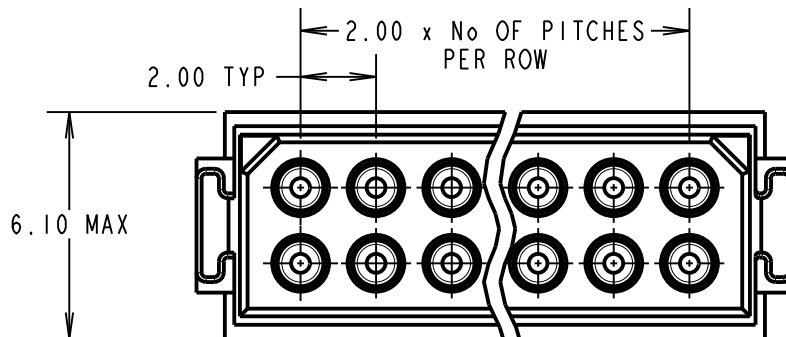
ENVIRONMENTAL:

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. CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
2. FOR EXTRA CONTACTS, USE PART NUMBER M80-0400005.
3. RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED, 22 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
4. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
5. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

SM	I	19.09.11	11467
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: S. MCCULLAGH			
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 DIL CRIMP
MALE ASSEMBLY LARGE BORE
(22 AWG) - UNLATCHED

DRAWING NUMBER:

M80-811XX05

SHT
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