

Customer Information Sheet

DRAWING No.: M80-313 TO M80-314

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIALS:

BODY AND INNER CONTACT = COPPER ALLOY

INSULATOR = PTFE

FINISH:

BODY, INNER CONTACT = GOLD

ELECTRICAL:

FREQUENCY RANGE = 6GHz

IMPEDANCE = 50Ω

V.S.W.R. = $1.05 + (0.04 \times \text{FREQUENCY})\text{GHz}$ MAX

CONTACT RESISTANCE = $6\text{m}\Omega$ MAX

INSULATION RESISTANCE = $10^6\text{M}\Omega$ @250V AC

OPERATING VOLTAGE = 180V AC @ 500mA

MAXIMUM VOLTAGE = 1,000V AC

MECHANICAL:

DURABILITY = 500 OPERATIONS

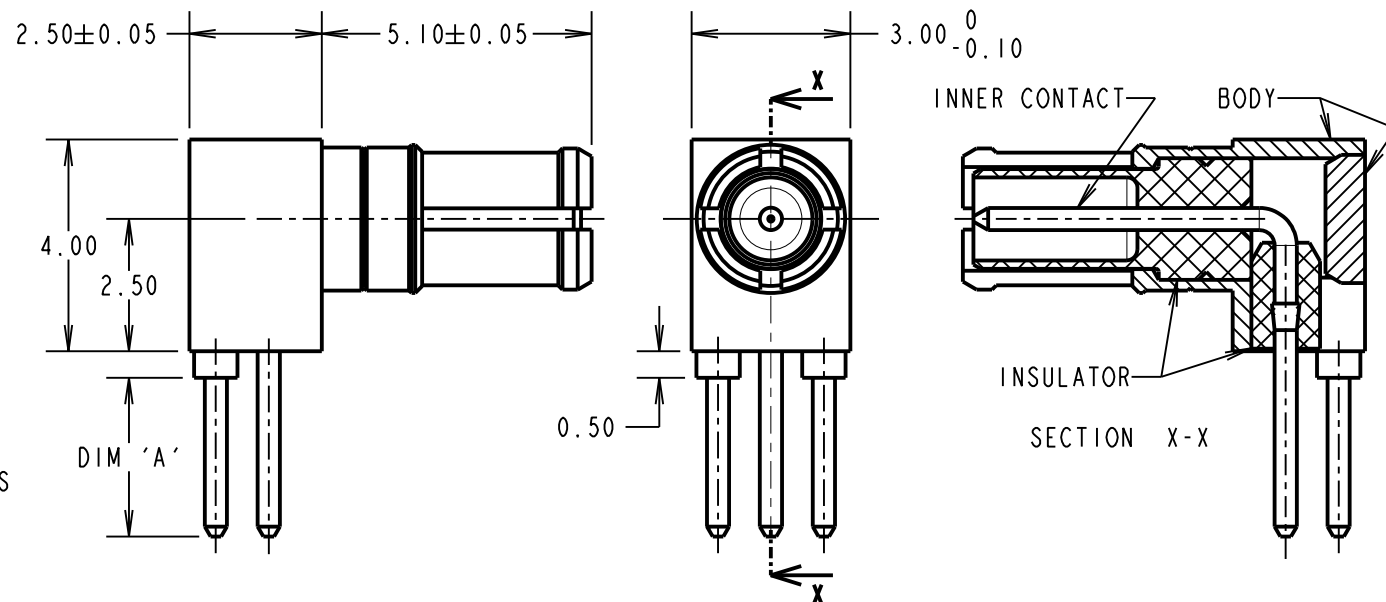
INSERTION FORCE = 8N MAX

WITHDRAWAL FORCE = 0.5N MIN

CONTACT REPLACEMENT IN INSULATOR = 5 TIMES

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO $+125^\circ\text{C}$



NOTES:

1. CONNECTORS COMES SUPPLIED ASSEMBLED.
2. RECOMMENDED PCB HOLE SIZE = $\varnothing 0.60\text{mm}$ MIN.
3. FOR ALL OTHER ELECTRICAL/ MECHANICAL REQUIREMENTS, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE).

PART No.	DIM 'A'
M80-313	3.00
M80-314	4.50

SB	9	14.01.14	12327
NAME	ISS.	DATE	C/NOTE
APPROVED:	S.BENNETT		
CHECKED:	S.FLOWER		
DRAWN:	W. J. BOURNE		
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES

X. = $\pm 1\text{mm}$
X.X = $\pm 0.25\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE: DATAMATE MIX-TEK
COAX CONTACT
MALE HORIZONTAL PC-TAIL

DRAWING NUMBER:

M80-313 TO M80-314

SHT
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OF 2