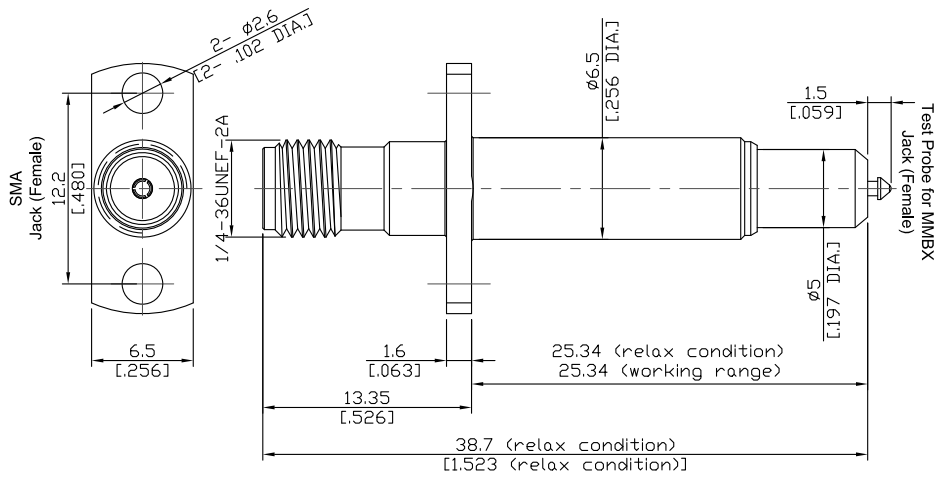


SMA Jack (Female) Flange Mount Test Probe for MMBX Jack (Female),
DC - 12.4 GHz, VSWR 1.6

ADP-A2BX5A-PT / 91-91



Mounting Dimension

	mm		inch	
	Max.	Min.	Max.	Min.
A	2.24	2.16	.088	.085
B	2.65	2.6	.104	.102
C	12.25	12.15	.482	.478

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SMA according to

IEC 60169-15; CECC 22110; MIL-PRF-39012; MIL-STD-348B/310; EN 122110

Test Probe for MMBX according to

N/A

Electrical Data

Impedance

50 Ω

Frequency

DC to 12.4 GHz

VSWR (Return Loss)

≤ 1.6 (≥ 12.74 dB)

Insertion loss

≤ 0.15 x √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Material And Plating

Piece Parts (SMA)

Centre contact

Material

Beryllium Copper

Plating

Gold plating
(Non-magnetic nickel-phosphorus underplating)

Body

Brass

Gold plating
(Non-magnetic nickel-phosphorus underplating)

Insulator

PTFE

Piece Parts (Test Probe)

Centre contact

Material

Beryllium Copper

Plating

Gold plating
(Non-magnetic nickel-phosphorus underplating)

Body

Brass

Gold plating
(Non-magnetic nickel-phosphorus underplating)Gold

SMA Jack (Female) Flange Mount Test Probe for MMBX Jack (Female),
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ADP-A2BX5A-PT / 91-91

Mechanical Data

	SMA side	Test Probe for MMBX side
Coupling mechanisms	Screw-On	Spring-loaded
Mating cycles	≥ 500	100000 min.
Center contact captivation: axial	≥ 27 N	≥ 10 N
Action mating force for the spring	N/A	max. 6 N
Coupling test torque	max. 1.7 Nm	N/A
Recommended torque	0.57 Nm	N/A

Environmental Data

Temperature range	-40°C to +80°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Vibration	MIL-STD-202, Method 204, Condition A
Corrosion	MIL-STD-202, method 101, condition B
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100