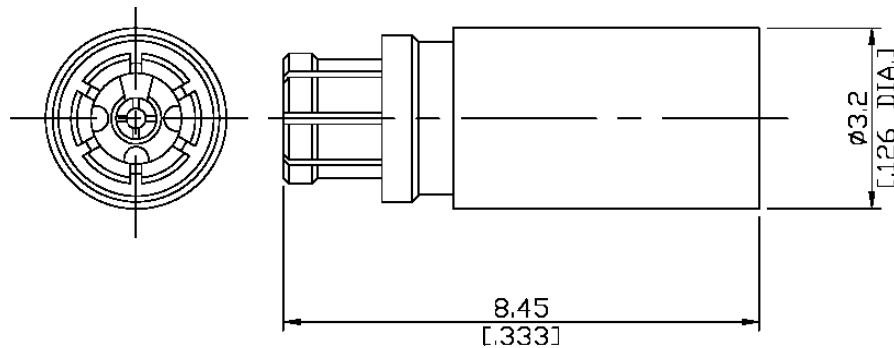


SMPM Jack (Female) Termination
40 GHz, 1 Watt, VSWR \leq 1.5

T-PM25-40G1WB / 99



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

MIL-PRF-31031; MIL-STD-348B/328

Electrical Data

Impedance	50 Ω
Frequency	DC to 40 GHz
VSWR (Return Loss)	$\leq 1.5 (\geq 13.98 \text{ dB})$
Center contact resistance	$\leq 6 \text{ m}\Omega$
Outer contact resistance	$\leq 2 \text{ m}\Omega$
Power Rating	1 W

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Insulator	PEI	

Mechanical Data

Coupling mechanisms	Snap-lock	
Mating cycles	Full detent: ≥ 100	Smooth bore: ≥ 500
Center contact captivation: axial	$\geq 7 \text{ N}$	
Engagement force	Full detent: 20 N typical	Smooth bore: 11 N typical
Disengagement force	Full detent: 29 N typical	Smooth bore: 7 N typical

Environmental Data

Temperature Range	-65 $^{\circ}\text{C}$ to +165 $^{\circ}\text{C}$
Thermal shock	MIL-STD-202, Method 107, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Corrosion	MIL-STD-202, Method 101, Condition B
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100