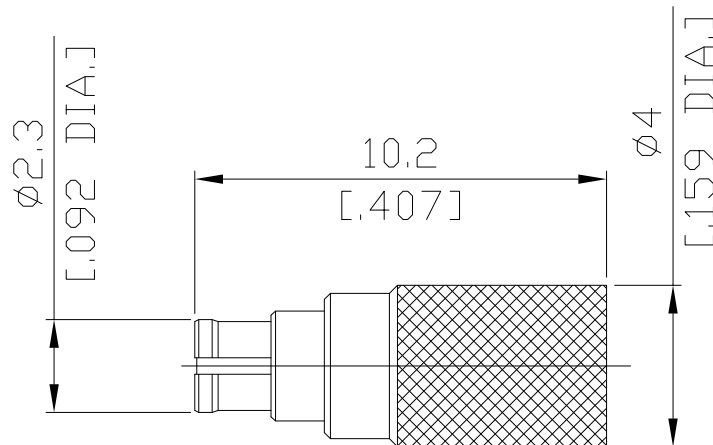


SMMP Termination Jack  
18 GHz, 1 Watt, VSWR ≤ 1.4

**T-PM25-18G1WA / 99**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

according to

MIL-STD-348B/328

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.40 (≥ 15.56 dB)

Center contact resistance

≤ 6 mΩ

Outer contact resistance

≤ 2 mΩ

Power Rating

1 W

**Material And Plating**

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Insulator	PTFE	

**Mechanical Data**

Coupling mechanisms

Snap-lock

Mating cycles

Full detent: ≥ 100

Smooth bore: ≥ 500

Center contact captivation: axial

≥ 7 N

Engagement force

Full detent: 19 N typical

Smooth bore: 11 N typical

Disengagement force

Full detent: 29 N typical

Smooth bore: 7 N typical

**Environmental Data**

Temperature Range

-65°C to +155°C

Thermal shock

MIL-STD-202, Method 107, Condition B

Vibration

MIL-STD-202, Method 204, Condition B

Shock

MIL-STD-202, Method 213, Condition A

Moisture resistance

MIL-STD-202, Method 106

RoHS

compliant

**Packing**

Singleor 100