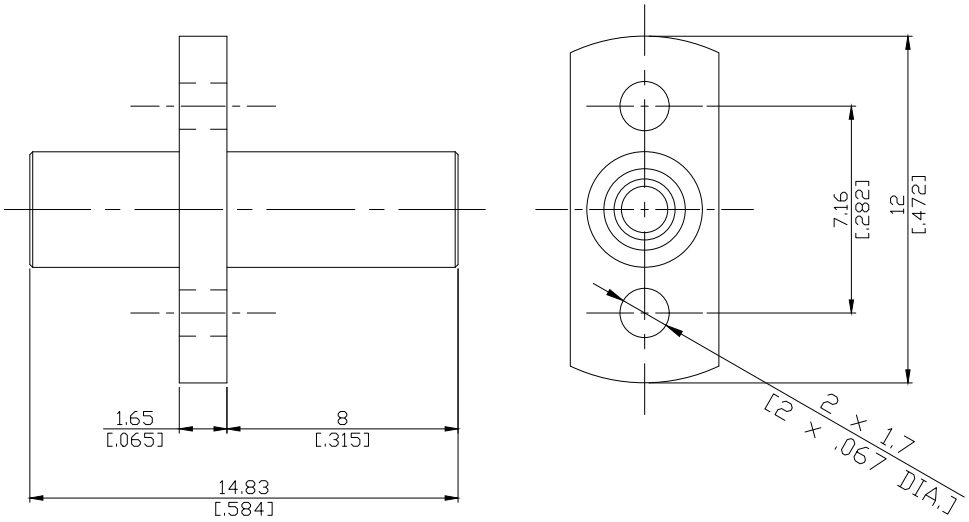
ROSNOL®
RF/Microwave Interconnect

Technical Data Sheet

SMPM jack (female) / SMPM jack (female) Straight Attenuator
7.16(.288)Hole Spaceing DC- 10 GHz, VSWR ≤ 1.40

FA-PMF1PMF15A-PT10G2W0 / 9X-9X



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 10 GHz
VSWR (Return Loss)	DC-10 GHz: ≤ 1.40 (≥ 15.6 dB)
Accuracy	+/- 1.2
Power handing (Watt)	2 Watts average to 25°C

Material And Plating

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

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N-CAGE Code: SFKK0 / ISO9001 Certified

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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 +85°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

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