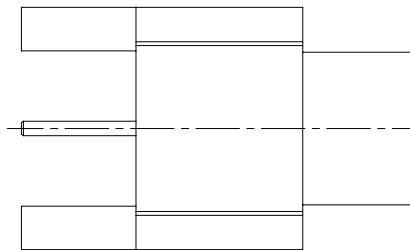
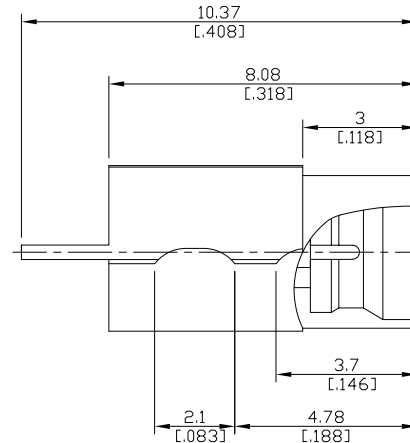
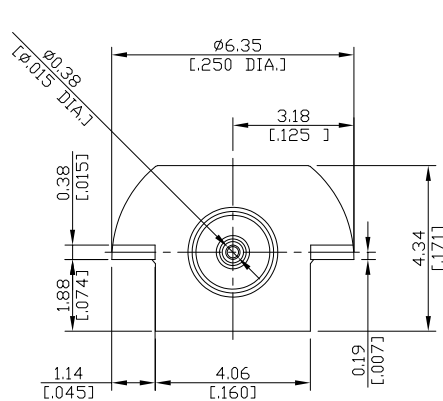


SMP Plug (Male) Full Detent Snap-On Connector Solder Attachment
Edge Mount PCB DC-6 GHz VSWR 1.25, 6-18 GHz VSWR 1.35

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All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

MIL-STD-348B/326-1
MIL-STD-348B/326-3
MIL-STD-348B/326-4

MIL-STD-348B/326-1a
MIL-STD-348B/326-2
MIL-STD-348B/326-5

Electrical Data

Impedance	50 Ω	
Frequency	DC to 18GHz	
VSWR (Return Loss)	≤ 1.25 (≥ 19.08 dB) DC to 6 GHz	≤ 1.35 (≥ 16.54 dB) 6 to 18 GHz
Insertion Loss	$\leq 0.1 \times \sqrt{F}$ (GHz) dB	
Insulation Resistance	≥ 5 G Ω	
Center Contact Resistance	≤ 6.0 m Ω	
Outer Contact Resistance	≤ 2.0 m Ω	
Test Voltage (at sea level)	500 V rms	
Working Voltage (at sea level)	335 V rms	

- Connector Only; VSWR in Application Depends Decisive on PCB Layout -

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Beryllium Copper	Gold plating(Nickel underplated)
Insulator	PTFE	

SMP Plug (Male) Full Detent Snap-On Connector Solder Attachment Edge Mount PCB DC-6 GHz VSWR 1.25, 6-18 GHz VSWR 1.35

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Mechanical Data

Coupling mechanisms	Snap-on	
Mating Cycles	Full Detent	≥ 100
Center contact captivation	≥ 7 N	
Engagement Force	Full Detent	68 N max.
Disengagement force	Full Detent	22 N min.

Environmental Data

Temperature Range	-65°C to +155°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. A
Moisture Resistance	MIL-STD-202, Meth. 106
Max. Soldering Temperature	IEC 61760-1, +260°C for 10 sec.
RoHS	compliant

Weight

0.66 g/Pcs

Packing

Single or 100