



### 1. Electrical

	Value
1.1 Impedance	50 Ohm
1.2 Frequency	DC to 27GHz
1.3 VSWR	1.25:1 Max
1.4 Insertion Loss	0.03dB x Sq.Rt(FGHz)
1.5 Voltage Rating	500Vrms(Max.)
1.6 Insulation Resistance	>5,000MOhm
1.7 Center Contact Resistance	<6mOhms
1.8 Outer Contact Resistance	<2mOhms

### 2. Environmental

2.1 Temperature Range	-55°C to +155°C
2.2 RoHS Status	Compliant
2.3 Durability	>500 Cycles

ITEM	DESCRIPTION	MATERIALS	FINISH
7	Cover Body	Brass	Nickel
6	Interface Seal	Silicon	Red
5	Ret Ring	Stainless Steel	Passivated
4	Contact	Brass	Gold
3	Insulator	PTFE	Natural
2	Coupling Nut	Stainless Steel	Passivated
1	Body	Stainless Steel	Gold

REV.	DESCRIPTION	ECN	DRAWN	DATE
G	Updated Table Data	476	DG	10/30/20
F	Widened Cable Exit	464	PL	03/29/18
E	Reverted short body Design	449	DG	03/29/16
D	Updated with wider entry for Jacket	446	DG	01/14/16
C	Updated Outline	441	DG	05/13/15
B	Updated Outline	415	DG	12/09/14
A	Release		DG	10/26/10
REV.	DESCRIPTION	ECN	DRAWN	DATE

Customer DWG	Title SMA R/A Plug for ø0.085" Direct Solder		
Remarks: Metric DIM.	Originated: 01/29/10	Contact: Sales@ConductRF.com Tel: +1 978 374 6840	Range: PSMA Sheet 1 of 1
	Dwg Ref: PSM21A-A28		
Dimensions are nominal & are reference only, unless specifically called out.	Checked: JW	Approved: PL	Rev: <b>G</b> Part No: <b>PSM21A-A28G01</b>

