



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	335Vrms(Max.)
1.6 Insulation Resiatnce	>5,000MOhm
1.7 Center Contact Resistance	<6mOhms
1.8 Outer Contact Resistance	<2mOhms
2. Environmental	
2.1 Temperature Range	-65°C to +155°C
2.2 RoHS Status	Compliant
2.3 Durability (Limited Detent)	>500 Cycles

ITEM	DESCRIPTION	MATERIALS	FINISH
5	Cap	Brass	Gold
4	Lock Ring	BeCu	Gold
3	Contact	BeCu	Gold
2	Insulator	PTFE	White
1	Body	BeCu	Gold

REV.	DESCRIPTION	ECN	DRAWN	DATE	Customer DWG	Title: SMP Female R/A for ø0.085" Direct Solder				
3	Added Trim Direction		DG	08/09/21	Remarks:	Originated: 05/13/19	Contact: Sales@ConductRF.com Tel: +1 978 374 6840	Range: SMP		Sheet 1 of 1
2	Increased max Freq. to 27GHz		DG	06/14/20		Dwg Ref: PPF23A-A28				
1	Pre-Release		DG	05/13/19						
REVISION HISTORY					Dimensions are nominal & are reference only, unless specifically called out.	Checked: JW	Approved: PL	Rev: 3	Part No: PPF23A-A28S01	