

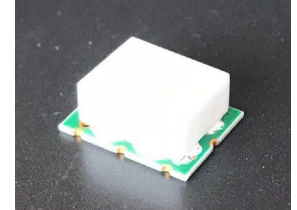
RFPS - SCRP - 2 - 682W

Features

- very wideband, DC to 6800 MHz
- very good phase unbalance, 1 deg. typ.
- excellent amplitude unbalance, 0.1 dB typ.
- rugged shielded case

Applications

- laboratory
- test set-ups
- PCS
- UNII
- WiMAX
- WiFi
- blue tooth



DC to 6800 MHz

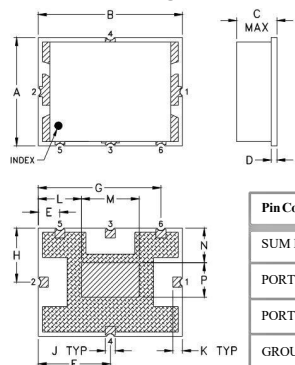
Electrical Schematic



Electrical Specifications

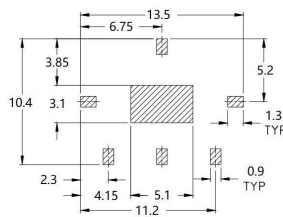
Parameter	Frequency (MHz)	Min.	Typ.	Max.	Uni
Frequency Range	DC-6800	DC	-	6800	MHz
Insertion Loss Above 9.5 dB	DC-6800	-	0.8	1.6	dB
Isolation	DC-6800	17	19	--	dB
Phase Unbalance	DC-6800	-	3	6	Degree
Amplitude Unbalance	DC-6800	0.1	0.4	0.7	dB
VSWR (Port S)	DC-6800	--	1.3	1.6	:1
VSWR (Port 1-2)	DC-6800	--	1.3	2.2	:1

Outline Drawing



Outline Dimensions (mm)			
AB	9.7	GH	10.80
CD	12.70	J	4.75
EF	4.52	KL	0.89
M	0.51	PN	0.86
	1.91		3.81
	6.35		3.05
	5.08		3.05

PCB Land Pattern



Maximum Ratings

- Operating Temperature -40°C to 85°C
- Storage Temperature -55°C to 100°C
- Power Input (as a splitter) 0.5W max.
- Internal Dissipation 0.5W max.

Permanent damage may occur if any of these limits are exceeded.

