

## Wide Band Microstrip Circulator and Isolator

6-12 and 6-18GHz, MSSMWB, 1Watt

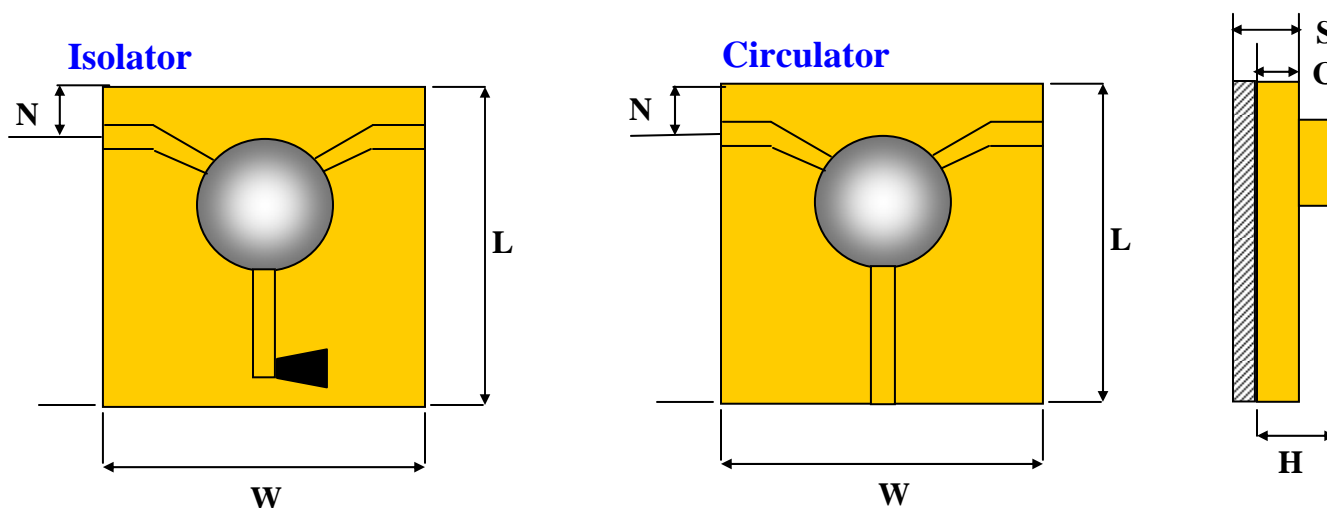
RADC-6-12-MSSMWB-5WR-b

RADC-6-18-MSSMWB-5WR-b

RADI-6-12-MSSMWB-5WR-b

RADI-6-18-MSSMWB-5WR-b

Preliminary



### Dimensions:

Frequency:		W	L	H	N	S	C	Unit	RFQ
6-12GHz	Isol	12	12	5.5	1.5*	1.65	0.635	mm	18748
6-18GHz						1.55	0.500		
6-12GHz	Circ	12	11	5.5	1.5*	1.65	0.635	mm	18748
6-18GHz						1.55	0.500		

\* Preliminary dimensions

### Specifications:

	Isolator	Circulator	Isolator	Circulator	
	6-12	6-12	6-18	6-18	GHz
Frequency	6-12	6-12	6-18	6-18	GHz
Bandwidth	Full	Full	Full	Full	
Insertion Loss	0.8 (1.0)	0.8 (1.0)	1.5 (1.7)	1.5 (1.7)	dB
Isolation	16(15)	16(15)	12(10)	12(10)	dB
VSWR	1.4(1.5)	1.4(1.5)	1.7(1.9)	1.7(1.9)	:1
Forward Power	5	5	5	5	Watt
Reverse Power	1	5	1	5	Watt
Temperature range	-30 to +70	-30 to +70	-30 to +70	-30 to +70	Deg C

See MSS and MSSM Data sheets for more models