

20mm SURFACE MOUNT CIRCULATOR SERIES

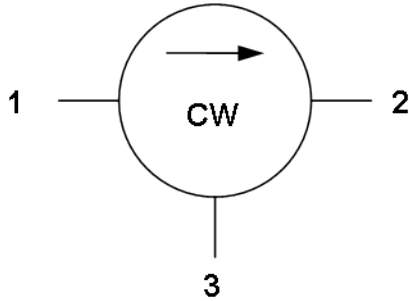
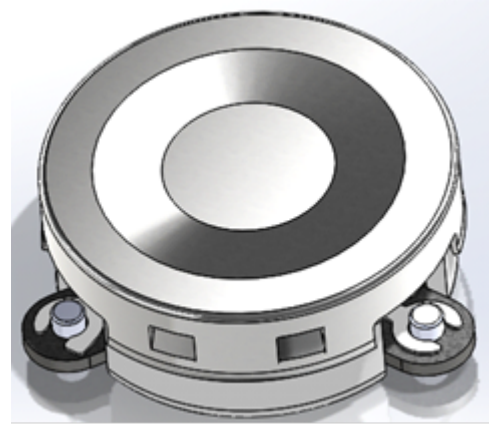


Figure 1. Circulator Block Diagram



Electrical Specifications:

Part Number	Frequency Range (GHz)	Insertion Loss (dB) Max.	Isolation (dB) Min.	Return Loss (dB) Min.	IMD dBc Min.	Average/Peak Power (W)	Operating Temp (°C)
SKYFR-001385	0.729 - 0.756	0.32	20	20	65 (2x5W)	60/200	-40 to +100
SKYFR-000767	0.860 - 0.960	0.35	20	20		140/500	-40 to +85
SKYFR-002094	0.866 - 0.928	0.30	22	22	60 (2x5W)	200/800	-40 to +85
SKYFR-000998	1.790 - 1.905	0.19	23	23	74 (2x50W)	140/800	-40 to +105
SKYFR-001369	1.805 - 1.880	0.18	23	23	65 (2x5W)	140/800	-40 to +105
SKYFR-001392	1.805 - 2.170	0.25	20	20	68 (2x20W)	100/1000	-40 to +85
SKYFR-001058 (CCW)	1.915 - 2.010	0.19	23	23	73 (2x50W)	140/800	-40 to +105
SKYFR-000847	2.300 - 2.400	0.25	23	23	65 (2x60W)	140/800	-40 to +85
SKYFR-001502	2.400 - 2.500	0.20	23	23		300/500	-40 to +105
SKYFR-002076	2.496 - 2.690	0.25	22	22	70 (2x50W)	150/800	-40 to +120
SKYFR-001202	2.620 - 2.690	0.22	21	21	70 (2x30W)	60/600	-40 to +115
SKYFR-001103	3.400 - 3.600	0.3	25	24	76 (2x20W)	100/1000	-40 to +85

Extended operating temperature range and custom frequency range designs available on request.