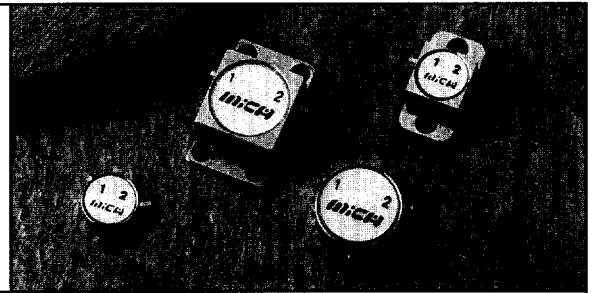


MICA®



SMF

The SMF Series are widely used where extremely small size is a necessity. These ultra small packages feature rugged steel construction, a threaded housing and cover for mechanical reliability, and stable RF performance.

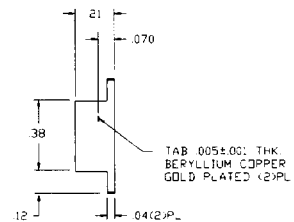
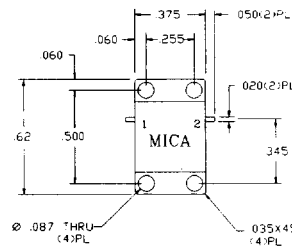
The small size limits power handling capacity to 5 watts forward power and 1 watt reverse.

Each unit has been designed to allow direct soldering of the housing and circuit tabs into the microwave subassembly. These units have been proven to integrate easily with amplifiers and other subassemblies.

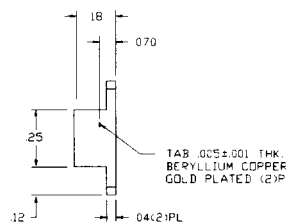
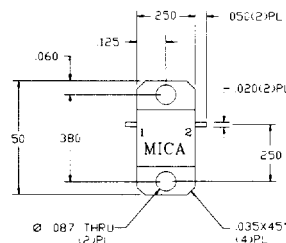
SMF SERIES

Frequency GHz		Model Number	Isolation dB	Insertion Loss, dB	VSWR	Power, Watts Forward Reverse	
5.8	6.5	SMF950-F0520	20	0.4	1.25:1	5	1
6.4	7.1	SMF950-F0600	20	0.5	1.25:1	5	1
7.1	7.9	SMF950-F0720	20	0.5	1.25:1	5	1
7.8	8.5	SMF950-F0725	20	0.5	1.25:1	5	1
9.2	9.7	SMF635-F0900	20	0.4	1.25:1	5	1
10.0	11.0	SMF635-F1000	20	0.5	1.25:1	5	1
11.2	13.7	SMF635-F1100	18	0.5	1.30:1	5	1
12.2	13.6	SMF635-F1200	20	0.5	1.25:1	5	1
13.0	14.5	SMF635-F1320	20	0.5	1.25:1	5	1
14.0	14.5	SMF635-F1415	20	0.4	1.25:1	5	1
18.4	19.0	SMF635-F1805	20	0.7	1.30:1	5	1
21.2	23.6	SMF635-F2105	18	0.7	1.30:1	5	1

Operating Temperature: -40°C to +85°C



SMF950 SERIES



SMF635 SERIES

Power

All units will meet the published performance at the forward and reverse power levels listed for each series. Special configuration and termination sizes are available for many models. CAUTION!! When operating at or near full rated power (forward or reverse), units must be properly heat sunk to insure adequate heat dissipation, and the unit must not exceed the maximum operating temperature.

Temperature

All units will meet the published performance over the temperature ranges indicated for each series. In addition, these units will operate over extended temperature ranges with some performance degradation. Consult the factory for any specific performance and any extended temperature requirements.