ESL1020QFN4

Pin-Schottky Diode Limiter

1.0 to 2.0 GHz

Technical Characteristics

Product Features
Power Handling: 1 Watt CW
Internal DC block
Broadband frequency response
Low cost QFN 4mm leadless RoHS compliant package
Hermetically sealed
Excellent VSWR

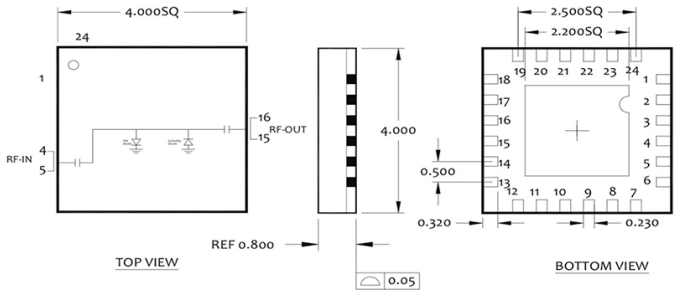
Applications
General purpose power protection
Ideal for commercial and industrial applications

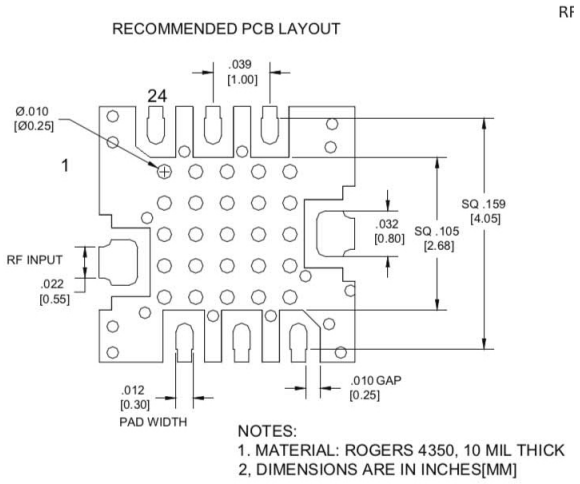
Storage Temperature:	-65 to +125°
Operating Temperature:	-45 to +95°
Maximum input power:	1 Watt CW
Specifications @ [°C]	+25° C

Electrical Specifications

Parameters	Freq. (GHz)	Min.	Typical	Max.	Units
Insertion Loss	1.0 to 2.0 GHz		0.6	0.8	dB
VSWR	1.0 to 2.0 GHz		1.8:1	2.0:1	
Leakage Power (CW)	1.0 to 2.0 GHz		19.0	20.0	dBm
Limiting Threshold	1.0 to 2.0 GHz		6.0		dBm
CW Power Handling			1.0	2.0	watts
Operating Temperature		-25		90	C °

QFN 4mm Outline Drawing





NOTES:

1. Typical values are measured at +25°C
2. Pins 4 & 5 - RF input, Pins 15 & 16 - RF output

About EclipseMDI

ECLIPSE Microdevices is located in San Jose, California. ECLIPSE has been developing high performance analog semiconductors for use in wireless radio frequency (RF), microwave, and millimeter wave for commercial and industrial applications. ECLIPSE has formed a strategic alliances - with foundries that features leading state-of-the-art process technologies and with manufacturing facilities for high-volume production of innovative RFIC's.

Product Export Classification

ECCN: EAR 99 (unless otherwise specified)
HTS: 8542330000

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