

2W, Limiter

Pin-Schottky Diode, QFN4mm

1.0 to 2.0 GHz

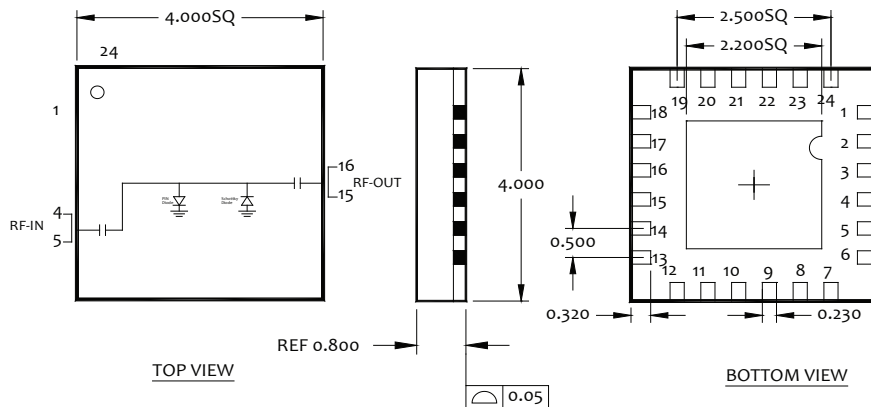
ESL1020-QFN4

Typical Applications

- †† General Purpose Power Protection
- †† Commercial and Industrial Application

FEATURES

- ◇ Power Handling: 2 Watt CW
100 Watts Peak
(1 μ sec Pulse Width, 0.1% Duty Cycle
Derated to 10% @ +125 °C)
- ◇ Internal DC Block
- ◇ Broadband Frequency Response
- ◇ Low Cost QFN 4mm leadless RoHS Compliant package
- ◇ Hermetically Sealed
- ◇ Excellent VSWR



ABOLUTE MAXIMUM RATING

Max Input Power:	100W Peak 2 CW
Operating Temperature:	-45°C to +95°C
Storage Temperature:	-65°C to +125°C

Parameters	SPECIFICATION				
	FREQ. (MHz)	MIN	TYPICAL	MAX	Units
Insertion Loss	1000 to 2000		0.6	0.8	dB
VSWR	1000 to 2000		1.8:1	2.0:1	
Leakage Power (CW)	1000 to 2000		+19	+20	dBm
Limiting Threshold	1000 to 2000		+6		dBm
Peak Power Handling (1 μ sec Pulse Width, 0.1% Duty Cycle, Derated to 20% @ +125°C)	1000 to 2000			100	Watts
CW Power Handling			1	2	Watt
Operating Temperature		-25		+90	°C

NOTES:

- Typical values are measured at +25°C
- Pins 4&5 – RF Input, Pins 15&16 – RF Output