

2W, Limiter

Pin-Schottky Diode, QFN4mm

2.0 to 4.0 GHz

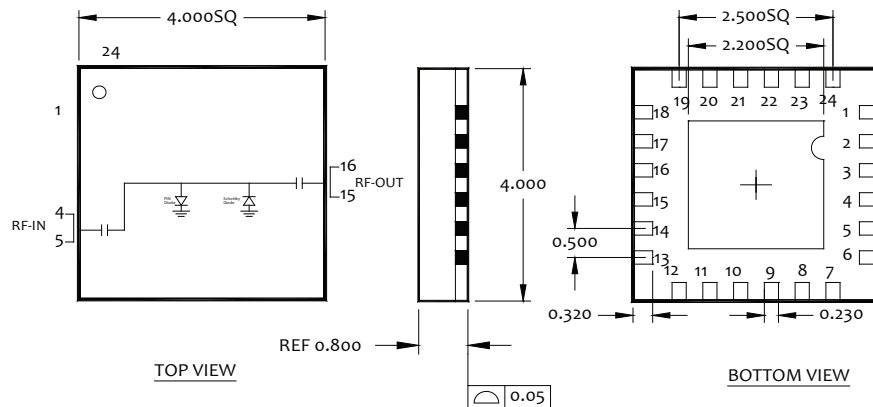
ESL2040-QFN4

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



ABSOLUTE 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				Units
	FREQ. (MHz)	MIN	TYPICAL	MAX	
Insertion Loss	2000 to 4000		0.8	1.0	dB
VSWR	2000 to 4000		1.8:1	2.0:1	
Leakage Power (CW)	2000 to 4000		+16	+20	dBm
Limiting Threshold	2000 to 4000		+6		dBm
Peak Power Handling (1 μ sec Pulse Width, 0.1% Duty Cycle, Derated to 20% @ +125°C)	2000 to 4000			100	Watts
CW Power Handling			1	2	Watt
Operating Temperature		-25		+90	°C

NOTES:

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

LIMITER || Pin-Schottky Diode