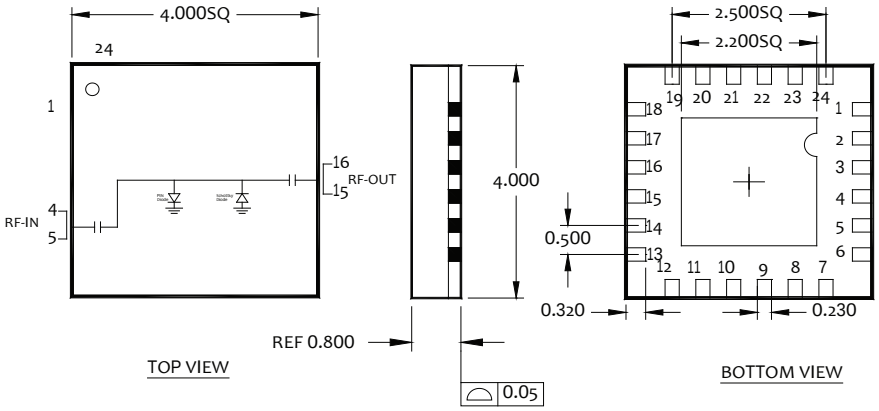
2W, Limiter
Pin-Schottky Diode, QFN4mm
0.5 to 1.0 GHz

ESL0510-QFN4

LIMITER || Pin-Schottky Diode

Typical Applications

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



FEATURES

◊Power Handling: 2 Watt CW
100 Watts Peak
(1 usec 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	**500 to 1000**		0.4	0.6	dB
VSWR	**500 to 1000**		1.5:1	1.8:1	
Leakage Power (CW)	**500 to 1000**		+19	+20	dBm
Limiting Threshold	**500 to 1000**		+6		dBm
Peak Power Handling (1µsec Pulse Width, 0.1% Duty Cycle, Derated to 20% @ +125°C)	**500 to 1000**			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

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