

FEATURES

- Low Limiting Threshold (+6 dBm Typical)
- 25 Watt CW and 200 Watt Peak (1 microsec) power handling capability
- Built-In DC Block @ Input and Output
- Hermetically Sealed Module
- Typical Recovery Time is less than 10 Microsec.



APPLICATIONS

- Front End Protection for LNA's
- Receiver Protection
- Lab Use

Max Input Power².....25 Watt CW
or 200W Peak, 1 μ sec Pulse Width, 0.1% Duty
Operating Temperature Range.....-55°C to +125°C
Storage Temperature Range.....-65°C to +125°C
Shock..... 50G, 11 msec
Vibration..... 20G, 100 to 2000 H

ENVIRONMENTAL RATINGS

Specifications: (@ +25°C)

MODEL	FREQ. RANGE (MHz)	MAXIMUM ¹ INSERTION LOSS (dB)	MAX ¹ VSWR	TYP LIM THRESHOLD (dBm)	Max LEAKAGE	
					@ 1 W CW INPUT (dBm)	@ 25 W CW ² INPUT (dBm)
LS0510P25A	0.5 – 1.0	0.5	1.4:1	+ 6	+14	+20
LS0520P25A	0.5 – 2.0	0.6	1.4:1	+ 6	+14	+20
LS0540P25A	0.5 – 4.0	0.7	1.4:1	+ 6	+14	+20
LS0560P25A	0.5 – 6.0	1.3	1.5:1	+ 6	+14	+20
LS05012P25A	0.5 – 12.0	1.7	1.6:1	+ 6	+14	+20
LS1020P25A	1.0 – 2.0	0.6	1.4:1	+ 6	+14	+20
LS1060P25A	1.0 – 6.0	1.2	1.5:1	+ 6	+14	+20
LS1012P25A	1.0 – 12.0	1.6	1.6:1	+ 6	+14	+20
LS2040P25A	2.0 – 4.0	0.7	1.4:1	+ 6	+14	+20
LS2060P25A	2.0 – 6.0	1.2	1.5:1	+ 6	+14	+20
LS2080P25A	2.0 – 8.0	1.3	1.6:1	+6	+14	+20
LS4080P25A	4.0 – 8.0	1.3	1.5:1	+ 6	+13	+18
LS7012P25A	7.0 – 12.0	1.6	1.6:1	+ 6	+13	+18

Note 1: Insertion loss and VSWR tested @ -10dBm
Note 2: Power rating de-rated to 20% @ +125°C.

For Package Outlines see Outline Drawings Page