

FEATURES

- Low Limiting Threshold (+6 dBm Typical)
- 40 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

ENVIRONMENTAL RATINGS

Max Input Power.....40 Watt CW & 200W Peak (μ sec) Power Handling Capability
 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 Hz

Specifications: (@ +25°C)

MODEL	FREQ. RANGE (MHz)	MAXIMUM ¹ INSERTION LOSS (dB)	MAX ¹ VSWR	TYP LIM THRESHOLD (dBm)	MAX LEAKAGE ³		PACKAGE STYLE
					@ 1 W CW INPUT (dBm)	@ 100 W CW ² INPUT (dBm)	
LS0510P40B	0.5 – 1.0	0.5	1.4:1	+ 6	+14	+21	1E
LS0520P40B	0.5 – 2.0	0.6	1.4:1	+ 6	+14	+21	1E
LS0540P40B	0.5 – 4.0	0.8	1.4:1	+ 6	+14	+21	1E
LS0560P40B	0.5 – 6.0	1.3	1.5:1	+ 6	+14	+21	1E
LS05012P40B	0.5 – 12.0	1.7	1.7:1	+ 6	+14	+21	1E
LS1020P40B	1.0 – 2.0	0.6	1.4:1	+ 6	+14	+21	1E
LS1060P40B	1.0 – 6.0	1.2	1.5:1	+ 6	+14	+21	1E
LS1012P40B	1.0 – 12.0	1.7	1.7:1	+ 6	+14	+21	1E
LS2040P40B	2.0 – 4.0	0.7	1.4:1	+ 6	+14	+20	1E
LS2060P40B	2.0 – 6.0	1.3	1.5:1	+ 6	+14	+20	1E
LS2080P40B	2.0 – 8.0	1.5	1.6:1	+6	+14	+20	1E
LS4080P40B	4.0 – 8.0	1.5	1.6:1	+ 6	+13	+20	1E
LS7012P40B	7.0 – 12.0	1.7	1.7:1	+ 6	+13	+18	1E

Note 1: Insertion loss and VSWR tested @ -10dBm

Note 2: Minimum power handling capability 40W CW or 200W peak (1 μ sec pulse width, 0.1% duty) derated to 20% @125 °C.

For Package Outlines see Outline Drawings Page