



Model Number L1949 Bandpass Filter

Rev.-
10/10/0



Features:

- Cavity Design
- Low Loss

Applications:

- Wireless
- Test Equipment

Package size:

- 1.5 x 1.75 x 5.5"

(Please see outline for exact dimensions)

Specifications: (+25C)

Center Frequency:(F0)(see Note 1)	1844+ 5 MHz
Max. Flat Loss@ Ctr Freq. (See Note	0.6 dB
Max. Lower 0.5 dB Freq. (F0.5dBL)	1695 MHz
Min. Upper 0.5 dB Freq.(F0.5dBL)	1993 MHz
Nominal 3 dB Bandwidth (for	345 MHz
Max 20 dB Bandwidth	385 MHz
Max. 40 dB Bandwidth	500 MHz
Max. 60 dB Bandwidth	690 MHz
80 dB Min. Rejection	DC to 1500 2200 to 6000 MHz
Specific Rejection	45 dB @ 1560-1586 MHz and 2100-2200 MHz
Max. Input/Output VSWR over 0.5 dB Bandwidth	1.5:1
Max Peak to Peak Ripple over 0.5 dB Bandwidth excluding Monotonic Roll off (see Note 3)	0.1 dB
Nominal Terminal Impedance	50 OHMS
Min. CW Operating Power Handling	+50 dBm
Min. Power	+31 dBm Avg. @ 0.002 - 1.6 GHz
Handling Capability	+31 dBm Avg. @ 2.1 - 2.9 GHz
(Survive no permanent damage)	+62 dBm Peak @ 2.91 - 3.5 GHz
	+49 dBm Avg. 2.91 - 3.5 GHz
(note 4)	+69 dBm Peak @ 3.1 - 3.5 GHz
	+51 dBm Avg. 3.1 - 3.5 GHz
	+29 dBm Peak @ 3.51 - 45 GHz
Max. Linear Phase Deviation over any 20 MHz Segment within the 0.5 dB Bandwidth	±5 Degrees



Delta Microwave

1301 Vanguard Dr.
Oxnard, CA. 93033

Phone: 805.240.1044
Fax: 805.240.9544

email: sales@deltamicrowave.com
www.deltamicrowave.com

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