



Model Number U1396 Bandpass Filter

Rev.-
03/14/06

Features:

- Compact Size
- High “Q” LC Design
- High Performance
- Ruggedized Package
- Low Time Delay Variation

Applications:

- IF frequency filtering
- Test Equipment

Package size:

- 0.38 x 0.63 x 1.25”

(Please see outline for exact dimensions)



Specifications:

| | |
|------------------------|--------------------------------------|
| Passband | 170 to 180 MHz |
| Insertion Loss @ F_o | 2.0 dB @ f_o |
| VSWR | 1.4:1 max |
| Pass Band Ripple | 0.2 dB max |
| 3 dB Bandwidth | ± 14 min to ± 23 max |
| Time Delay @ F_o | 50 ns max |
| Delay Variation | ± 0.2 ns over any 0.75 MHz Slice |
| Power Handling | 1 Watt |
| Operating Temperatures | -40C to +85C |
| Connectors | SMA Female (or 0.020 pin) |

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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