

Surface Mount Cavity Filter — 6FV-7500/E500-SMT

◆ Features:

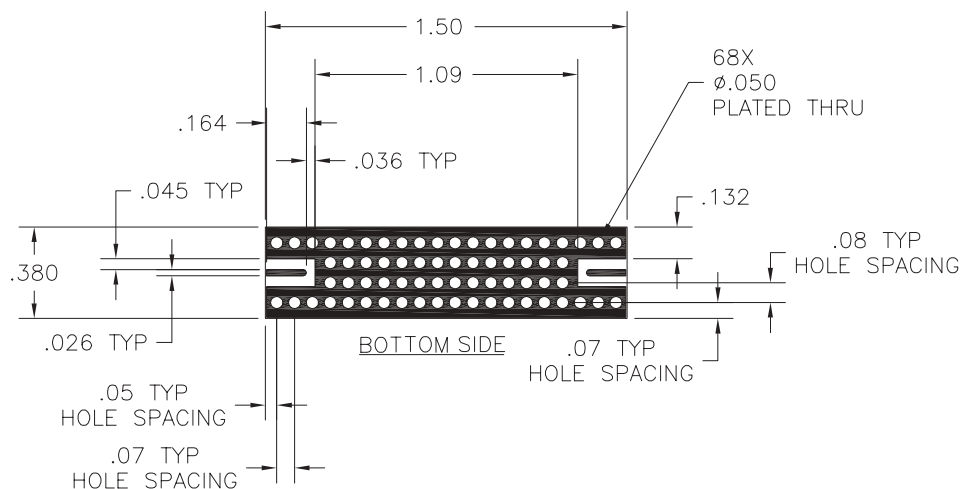
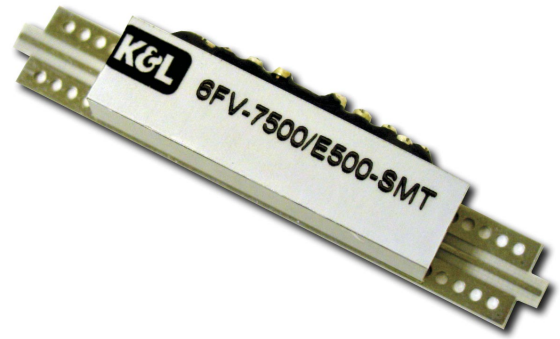
- Leadless - Designed to Mount on RO4003, .012" Thick, with 50-ohm Line .026" Wide (Other Types of Printed Wiring Board are Available upon Request.)
- Cavity (TEM) Combine: High Q, Low Loss, Excellent Ultimate Rejection
- Option to Hermetically Seal
- Up to 18 GHz and Relative Bandwidths up to 8%
- Mechanical Configuration can Support All Types of Filters

◆ Specifications:

Center Frequency:	7500 MHz
Equal-Ripple Bandwidth:	500 MHz
Insertion Loss:	1.75 dB
Rejection:	25 dB above 7900 MHz
Mechanical:	1.5" L x .5" W x .3" H

◆ Applications:

- RF and Microwave circuitries such as: Synthesizers, Up/Down Converters, Tx/Rx Filters, Radar, Electronic Warfare (EW), etc.



Filtering Solutions for Your Global Market

USA
Phone: 410-749-2424
FAX: 443-260-2268
Email: sales@klmicrowave.com

EUROPE
Phone: +44-(0)-1904-567355
FAX: +44-(0)-1904-675521
Email: sales@kleurope.com

www.klfilterwizard.com & www.klmicrowave.com

Surface Mount Cavity Filter — 6FV-7500/E500-SMT

◆ Part Numbering:

6FV-7500/E500 - SMT

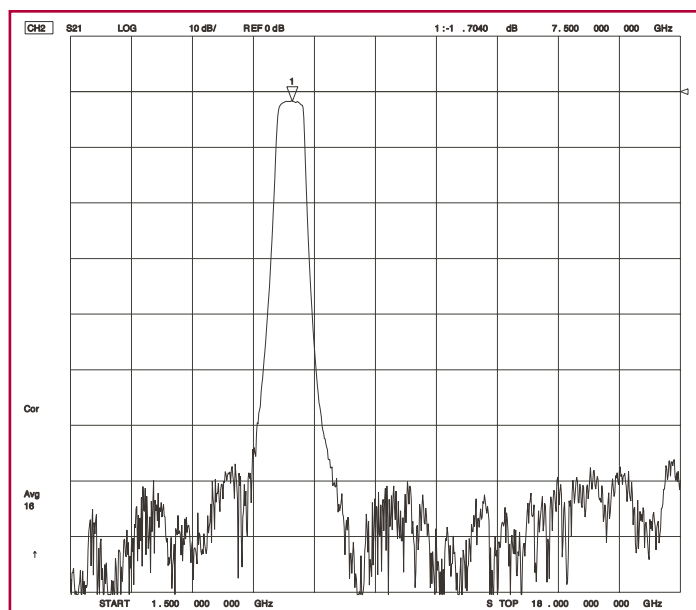
1 2 3 4 5

- 1: Number of Sections: from 2 to 9
- 2: Center Frequency: from 2000 - 18000 MHz
- 3: Pass-Band Definition:
E: Equal-Ripple; H: 0.5dBc; U: 1.0dBc; T: 3.0dBc; X: Special
- 4: Band-Width: from 0.5% to 8% of center frequency
- 5: Leadless, Surface Mount Technology

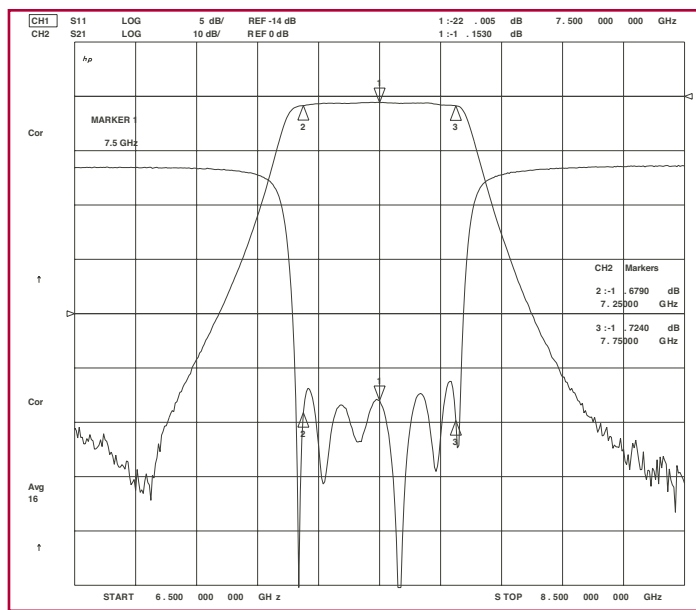
◆ Reflow Profile:

Please refer to:

<http://www.klmicrowave.com/minimax.php>



Wideband Response



Narrowband Response



Filtering Solutions for Your Global Market

USA

Phone: 410-749-2424
FAX: 443-260-2268
Email: sales@klmicrowave.com

EUROPE

Phone: +44-(0)-1904-567355
FAX: +44-(0)-1904-675521
Email: sales@kleurope.com

www.klfilterwizard.com & www.klmicrowave.com