

Commercial Bandpass

◆ Features:

- Ideal for High Volume, Short Lead Time Requirements
- Designed for Low Cost Applications
- Covers the 10 MHz to 3000 MHz Frequency Range
- 3 dB BW Available 5 to 15%
- Designs Available in 2 - 6 Sections
- Chebyshev Design Response
- See page 44 for Reflow Profile and Suggested Mounting Information.



◆ Specifications:

Center Frequency (MHz)	3 dB % BW	VSWR	Attenuation	Impedance (Ohms)	Number of Sections	Temperature	Package Style
10-3000	*5 to 15%	2.0:1 Max	- 60 dBc	50	2-6	-40 to +85 °C	Open frame, leadless surface mount. See page 47.

* Different circuit topologies available for non-standard bandwidth

• For more complete specifications please visit us at www.klfilterwizard.com.

• Lowpass and Highpass filters also available. Contact factory for details.

Filter Wizard™

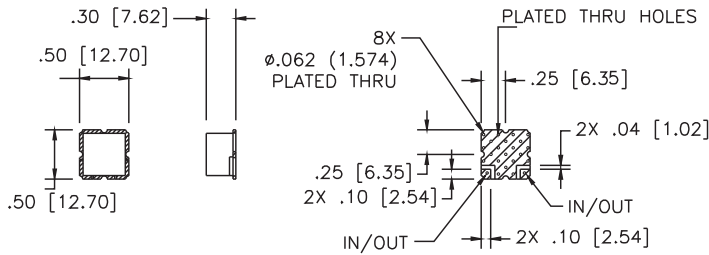
◆ To Order:

3 KC B 10 - 1000 / U 50 - 1.1

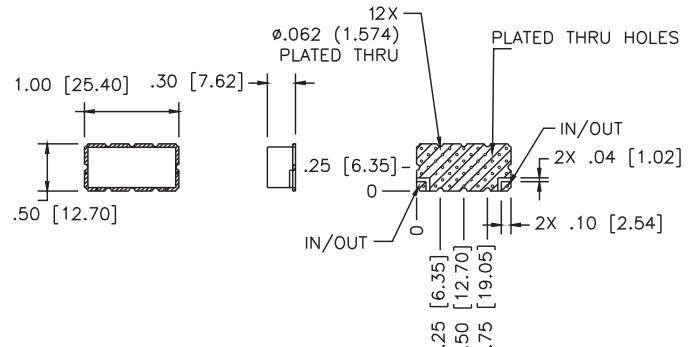
1 2 3 4 5 6 7 8

- | | |
|---|-------------------------------------|
| 1. Number of Sections | 5. Center Frequency in MHz |
| 2. K&L-com ® Series | 6. Supplemental Codes (see page 13) |
| 3. Bandpass | 7. Bandwidth in MHz |
| 4. Package Style - Open frame, leadless surface mount | 8. Version Number |
| 10 = 0.5" x 0.5" (12.7mm x 12.7mm) | |
| 20 = 1.0" x 0.5" (25.4mm x 12.7mm) | |
| 30 = 1.5" x 0.5" (38.1mm x 12.7mm) | |
| 40 = 1.5" x 0.6" (38.1mm x 15.24mm) | |

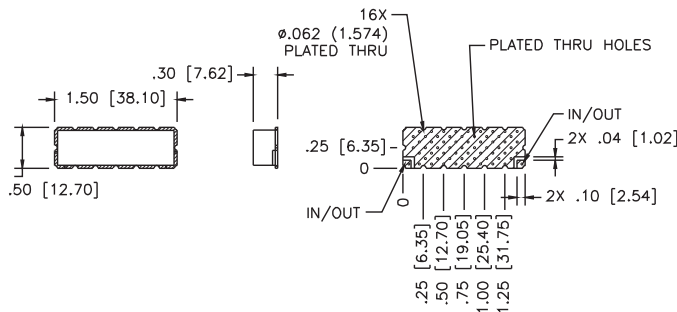
◆ Mechanical:



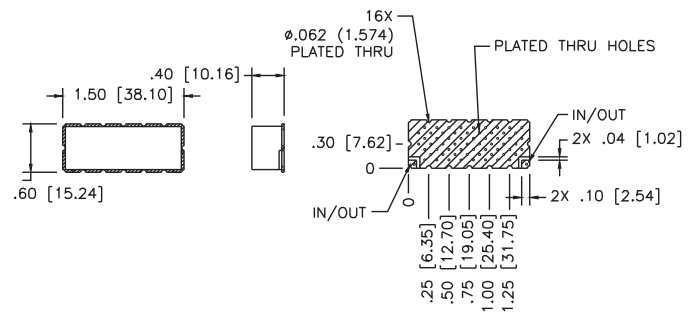
KEL-com®: Series 10 - 0.5" x 0.5"
(12.7mm x 12.7mm)
Open frame, Leadless Surface Mount



KEL-com®: Series 20 - 1.0" x 0.5"
(25.4mm x 12.7mm)
Open frame, Leadless Surface Mount



KEL-com®: Series 30 - 1.5" x 0.5"
(38.1mm x 12.7mm)
Open frame, Leadless Surface Mount



KEL-com®: Series 40 - 1.5" x 0.6"
(38.1mm x 15.24mm)
Open frame, Leadless Surface Mount

◆ Recommended PCB Layout:

PACKAGE	PCB (L)	PCB (W)
SERIES 40 1.5 X 0.6	1.600	0.700
SERIES 30 1.5 X 0.5	1.600	0.600
SERIES 20 1.0 X 0.5	1.100	0.600
SERIES 10 0.5 X 0.5	0.600	0.600

