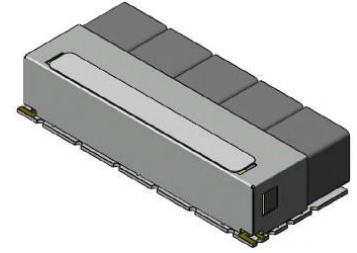


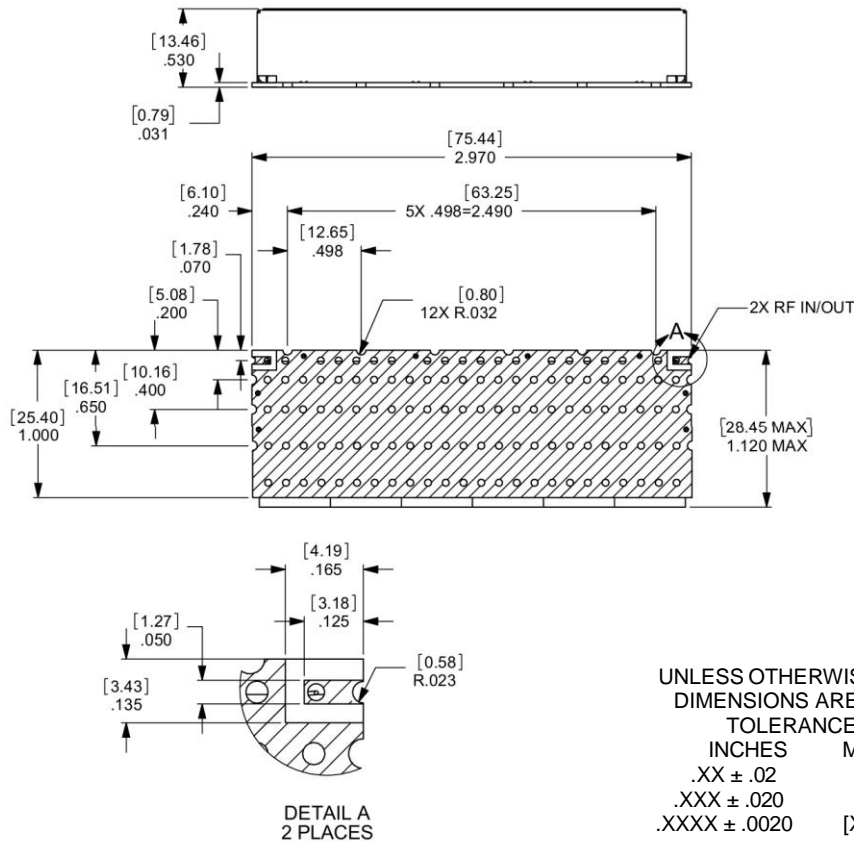
Ceramic Bandpass Filter

Features/Benefits

- Ceramic Filter
- Low Cost
- Made in U.S.A.



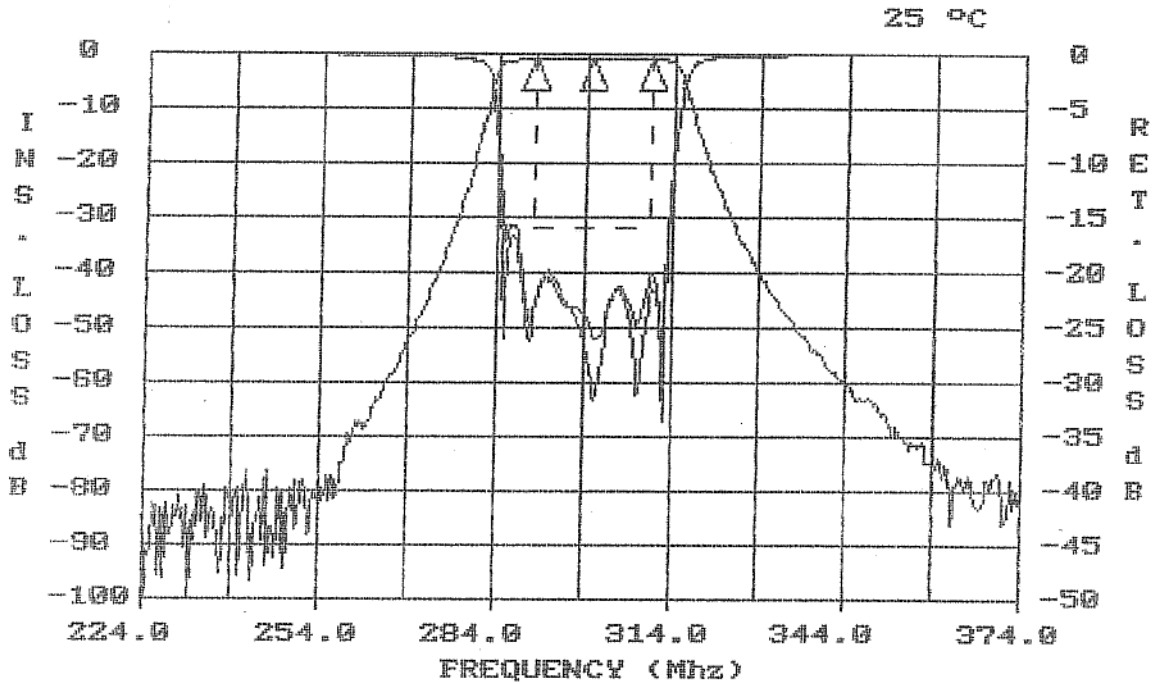
Parameter	Specification
Center Frequency (Fo)	300 MHz
Passband	0.2 dB max from 290 MHz to 310 MHz
Return Loss	16 dB from 290 MHz to 310 MHz
Insertion Loss	0.9 dBa max @ 300 MHz
Rejection	-30 dBc min from 50 MHz to 270 MHz -30 dBc min from 335 MHz to 690 MHz
Temperature, Operating	-10°C to +50°C
Temperature, Storage	-55°C to +125°C
Temperature, Soldering	+215°C MAX (use convective reflow)
Mechanical Dimensions	2.970 x 1.120 x 0.530 inches [75.44 x 28.45 x 13.46 mm] (L X W X H)



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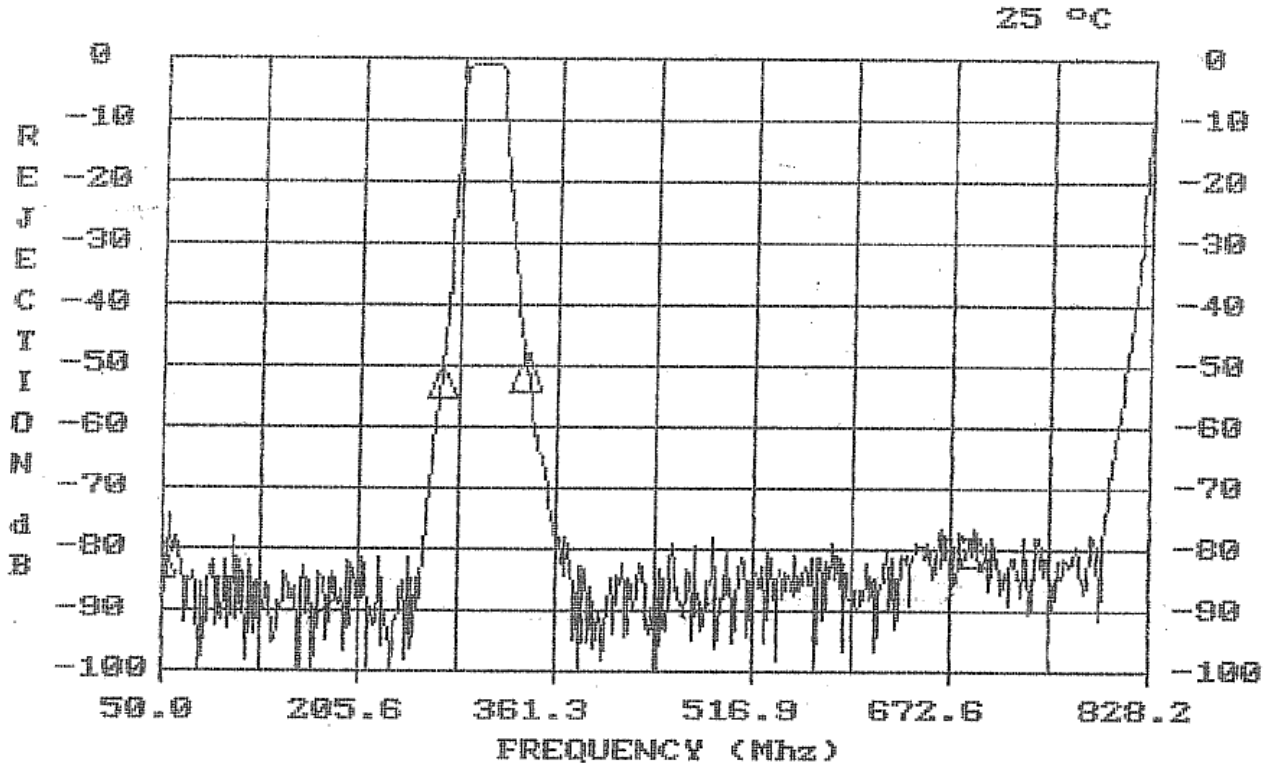
Phone: 1-315-655-8710 • Email: KPD-NA-sales@knowles.com • www.knowlesc capacitors.com

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FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
300	-.649 dbA	-.9 dbA MAX	
290 - 310	-.157 dbC	-.2 dbC MAX	
	VALUE	SPEC	COMMENTS
	31.40 MHZ	20 MHZ MIN	-3dbC Width
	299.204MHZ	280 MIN	Center Freq.
	299.204MHZ	320 MAX	Center Freq.
FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
290 - 310	-19.8	-16 db MIN	(S11) - VSWR
290 - 310	-20.3	-16 db MIN	(S22) - VSWR

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FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
50 - 270	-48.4 dbC	-30 dbC MIN	
335 - 690	-48.8 dbC	-30 dbC MIN	

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