

### TECHNICAL FEATURE

#### FEATURES

- Wide Bandwidth
- High Rejection
- Surface Mount
- Tin Lead Finish

#### PRINCIPAL SPECIFICATIONS

Model Number	1 dB Bandwidth Min. MHz	1 dB Passband Insertion Loss dB Max.	Passband Flatness dBpp Max.	Rejection MHz:dBc	Return Loss dB Min.	Input Power Max.
FBGI-2.88G	1000	3.0	1.2	DC-1300: 65 dBc min. 1300-1940: 45 dBc min. 3820-4500: 45 dBc min. 4500-5500: 65 dBc min.	15	10 Watts

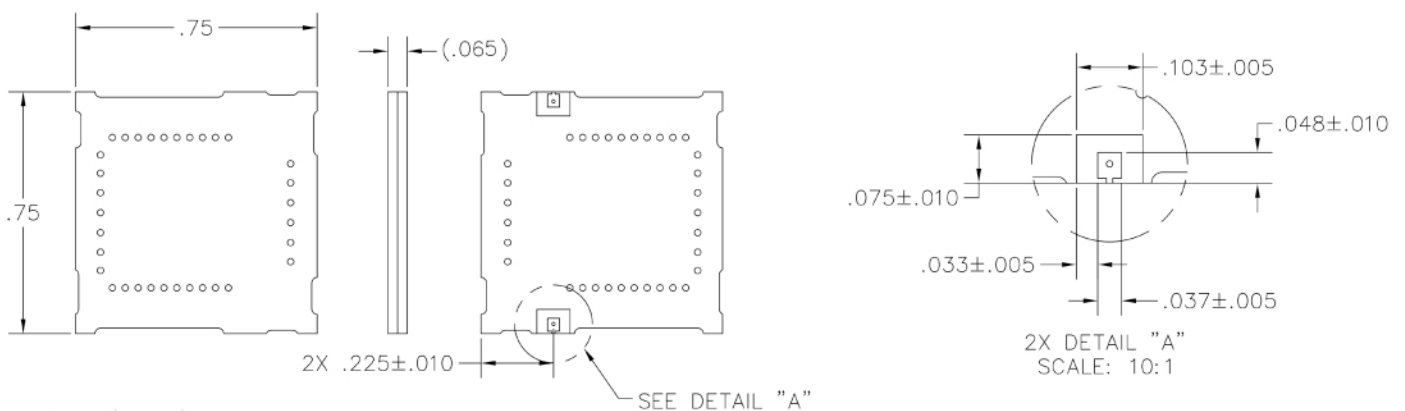
#### GENERAL NOTES

Merrimac's FBGI Series filters provides high rejection and low loss in very small enclosures. In addition, they require no tuning reducing overall variation, especially in high-volume production. The FBGI Series filters incorporate all of the advantages provided by Merrimac's patented Multi-Mix® multilayer fabrication process, and are an excellent choice for applications in which size and weight are critical.

#### GENERAL SPECIFICATIONS

Size ..... .750 X .750" X .065"  
 Weight, max..... .01 oz.  
 RF Interface..... Surface mount  
 Operating Temperature..... -55° to +85° C

#### PACKAGE OUTLINE



Notes;  
 1. Tolerance on 2 place decimals  $\pm .030$  unless otherwise noted.