



### Electrical specifications

**Cutoff Range:** 6GHz  
**Passband:** 6-18GHz  
**Insertion loss over passband:**  $\leq 1.0$ dB  
**Return loss over passband:**  $\geq 9$ dBdB  
**Ripple in passband:**  $\leq 0.1$ dB  
**Rejection 1:**  $\geq 50$ dB@0-613MHz  
**Rejection 2:**  $\geq 25$ dB@2500MHz  
**Power:** 5W

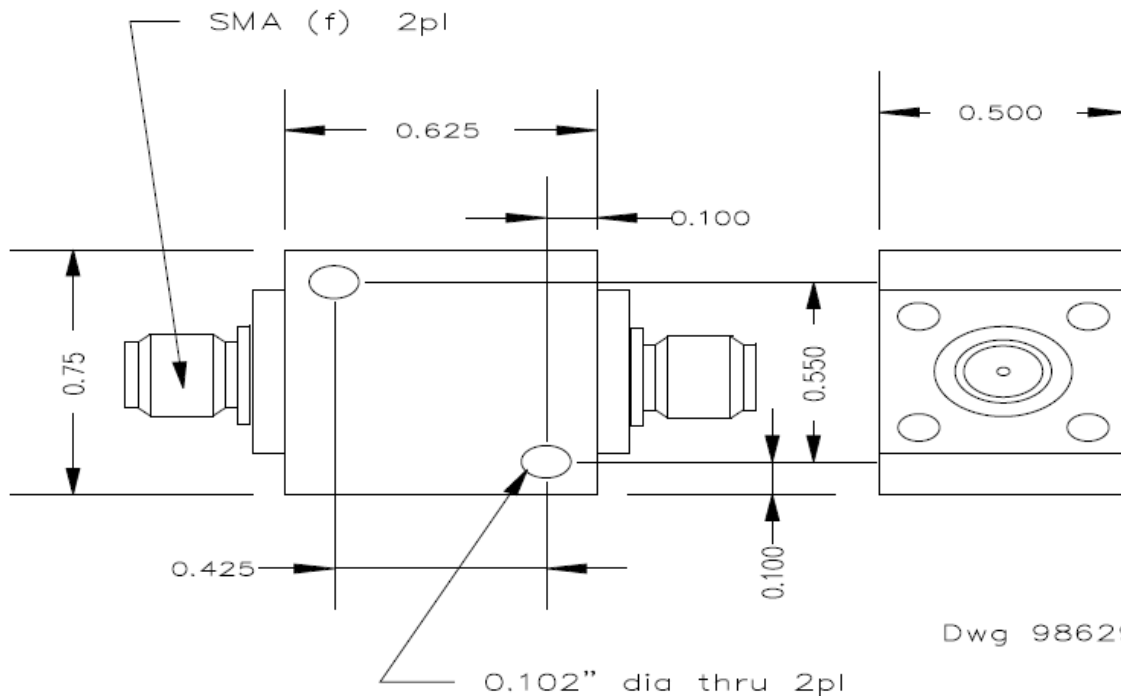
### Mechanical

**Mounting Method:** Threaded Mounting  
**Connector Type:** SMA(F)  
**Dimensions:** 0.75" x 0.625" x 0.5" in

### Environmental

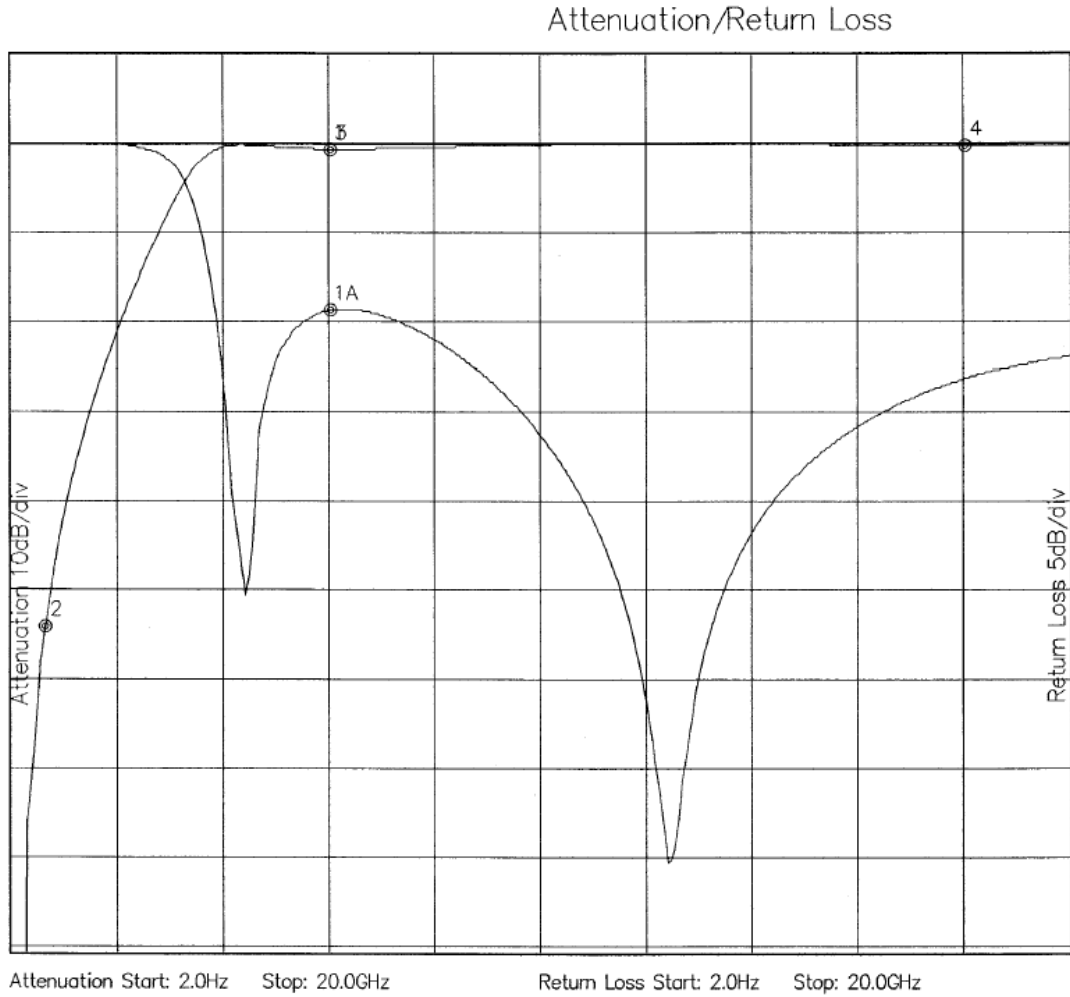
**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -55°C to +100°C

### Outline Drawing:





### Plot:



Marker 1 Freq 6.010GHz Atten -0.576dB  
Marker 2 Freq 613.89MHz Atten -54.127dB  
Marker 3 Freq 6.010GHz Atten -0.576dB  
Marker 4 Freq 18.029GHz Atten -0.232dB

Marker 1A Freq 6.010GHz Ret Loss -9.384dB