

Model THF230227A

Electrical Specifications

Cut Off Frequency	18GHz	
Pass Band Frequency	18 ~ 46GHz	
Pass Band Insertion Loss	$\leq 2.0\text{dB @ } 18 \sim 19.5\text{GHz}$ $\leq 1.0\text{dB @ } 19.5 \sim 42\text{GHz}$ $\leq 2.0\text{dB @ } 42 \sim 46\text{GHz}$	
Pass Band VSWR	$\leq 1.70:1$	
Stop Band Attenuation	$\geq 60\text{dB @ DC} \sim 16.2\text{GHz}$ $\geq 30\text{dB @ } 16.2 \sim 17\text{GHz}$	
Stop Band Rejection	$\geq 80\text{dB @ DC} \sim 54.85\text{GHz}$ $\geq 45\text{dB @ } 54.85 \sim 55.75\text{GHz}$	$\geq 45\text{dB @ } 61.3 \sim 62.4\text{GHz}$ $\geq 80\text{dB @ } 62.4 \sim 70\text{GHz}$
Impedance	50 ohms	
Power Handling	CW: $\leq 15\text{W}$	
Connectors	2.92mm-Female	
Surface Finish	Blue Paint	

Environmental Parameters

Operating Temperature $-30 \sim +70^{\circ}\text{C}$

Operating Humidity Up to 90%, Non- Condensing

Outline Drawing

