

HRT-BF(539/138)-741B-- Cavity Bandpass Filter

Electrical Specifications			Product Picture	
Parameter	Unit	Specification		
Center Frequency:	MHz	539		
Bandwidth:	MHz	138(470-608)		
Insertion Loss:	dB	Max 1.5		
Ripple:	dB	Max TBD		
Return Loss:	dB	Min 15		
Group delay:	ns	Max TBD		
Power Handling:	W	Max 20W		
Rejection:		$\geq 20\text{dB}@455\text{MHz}, 630\text{MHz}$ $\geq 18\text{dB}@460\text{MHz}$		
Mechanical Specifications		Environmental Specification		
Parameter	Specification	Parameter	Specification	
Input Connectors:	BNC-Female (50Ω)	Operating Temp.	-45°C to +85°C	
Output Connectors:	BNC-Female (50Ω)	Storage Temp.	-55°C to +95°C	
Size Tolerance:	As Below($\pm 0.3\text{mm}$)	Environment Class:	TBD	
ROHS:	Yes	Altitude:	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment)(Optional)	
Material:	Aluminum			
Weight(Kg):	TBD	Humidity:	95%RH at 40°C	
Surface Finish:	Black	Shock:	20G for 11msec half sine wave, 3 axis both directions	
Note:				

Configuration:



