

HRT-BF(689/6)-777N-- Cavity Bandpass Filter

Electrical Specifications			Product Picture	
Parameter	Unit	Specification		
Center Frequency:	MHz	689		
Bandwidth:	MHz	6(686-692)		
Insertion Loss:	dB	Max		1.0@FC
				1.5@686-692MHz
Ripple :	dB	Max		1.0
Return Loss:	dB	Min		16
Group delay:	ns	Max	TBD	
Power Handling:	W	Max	100W	
Rejection:	$\geq 45\text{dB}@FC \pm 15\text{MHz}$ $\geq 60\text{dB}@FC \pm 27\text{MHz, up to } 1.3\text{ GHz}$			
Mechanical Specifications		Environmental Specification		
Parameter	Specification	Parameter	Specification	
Input Connectors:	N-Female (50Ω)	Operating Temp.	-20°C to +70°C	
Output Connectors:	N-Female (50Ω)	Storage Temp.	-55°C to +85°C	
Size Tolerance:	As Below($\pm 0.3\text{mm}$)	Environment Class:	Indoor	
ROHS:	Yes	Altitude:	TBD	
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:



