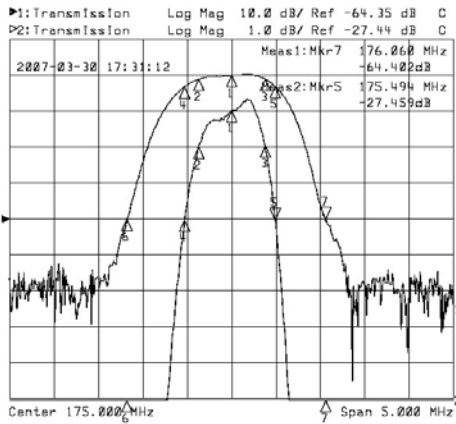


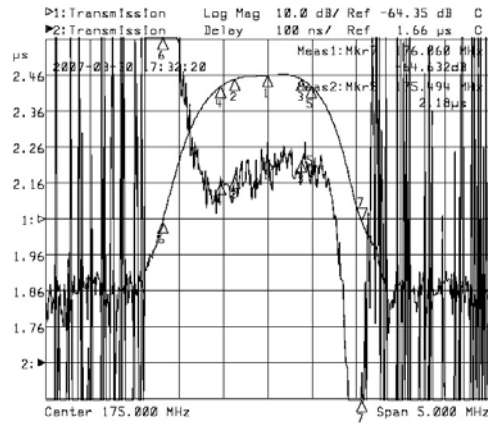
175MHz Standard Filter

Part Number 175010

Typical Performance



Horizontal: 0.5MHz/Div
Vertical: 1dB/Div&10dB/Div

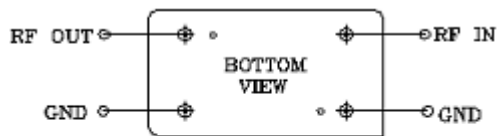
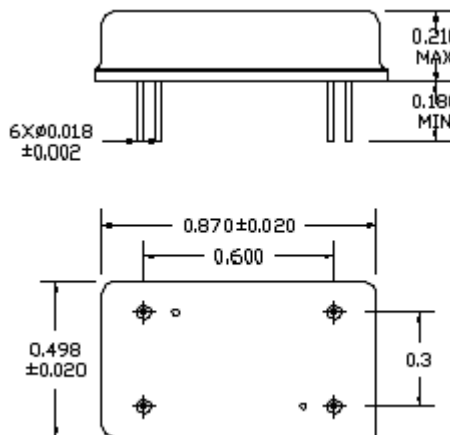


Horizontal: 0.5MHz/Div
Vertical: 100nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	174.92	175.00	175.08
Insertion Loss at F ₀	dB		24.40	24.70
1 dB Bandwidth	MHz	0.65	0.70	
3 dB Bandwidth	MHz	1.00	1.05	
40dB Bandwidth	MHz		2.20	2.30
Passband Variation	dB		0.50	0.70
Group Delay Variation	nsec		150	200
Absolute Delay	usec		2.23	
Ultimate Rejection	dB	50	52	
Substrate Material	-		Quartz	
Ambient Temperature	°C	-40	25	80

Package XI-6



No Matching Required
 Source/Load Impedance=50ohm
 Package Style XI