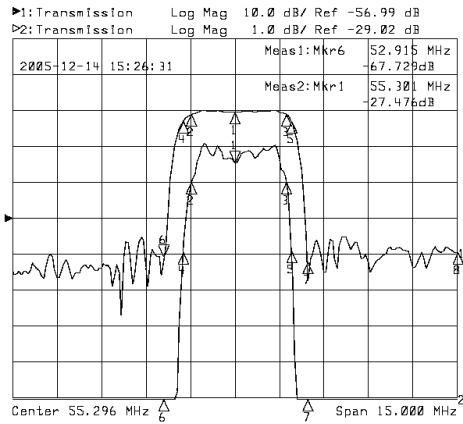


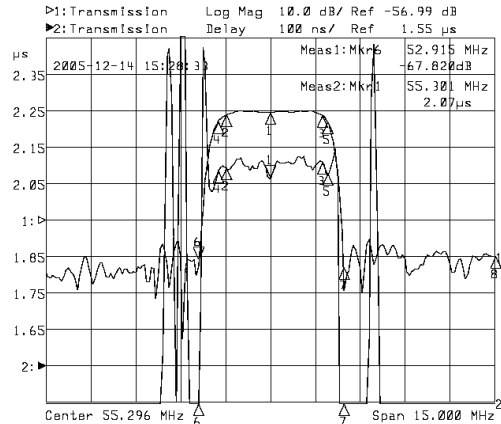
55MHz Standard Filter

Part Number 055037

Typical Performance



Horizontal: 1.5MHz/Div
Vertical: 1dB/Div&10dB/Div

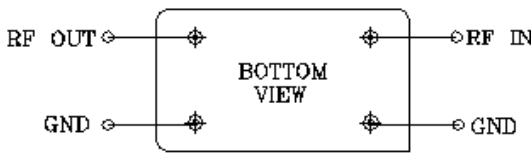
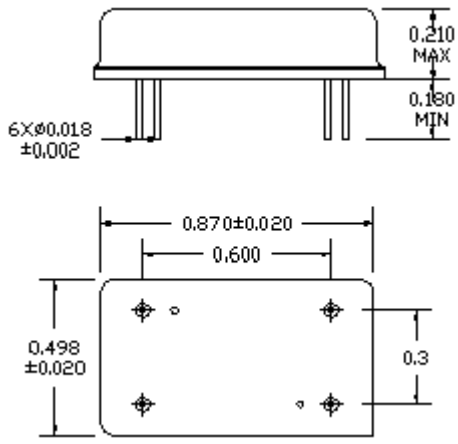


Horizontal: 1.5MHz/Div
Vertical: 100ns/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	55.096	55.296	55.496
Insertion Loss at F ₀	dB		27.51	29.04
1 dB Bandwidth	MHz	3.02	3.20	
3 dB Bandwidth	MHz	3.63	3.71	
40dB Bandwidth	MHz		4.84	4.95
Passband Variation	dB		0.80	1.00
Group Delay Variation	nsec		80	100
Absolute Delay	usec		2.07	2.11
Ultimate Rejection	dB	33	35	
Substrate Material	-		112LiTaO3	
Ambient Temperature	°C	-40	25	80

Package



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