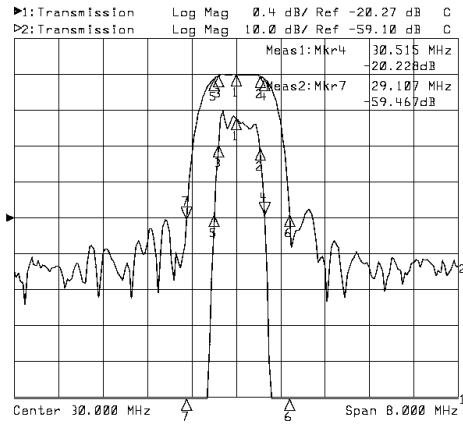


30MHz Standard Filter

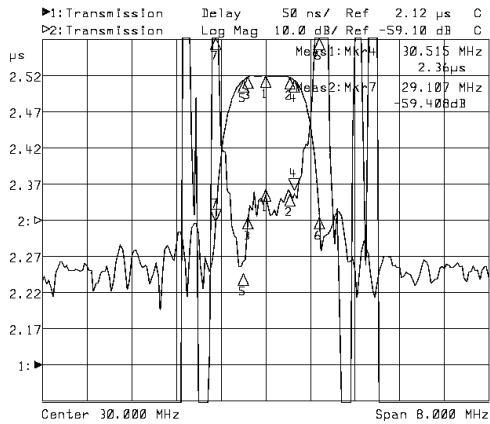
Part Number 030010

Typical Performance



Horizontal: 0.8MHz/Div

Vertical: 1dB/Div&10dB/Div



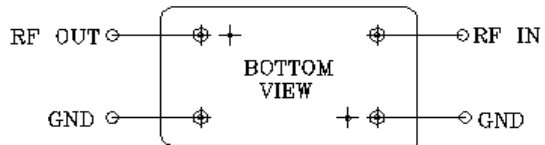
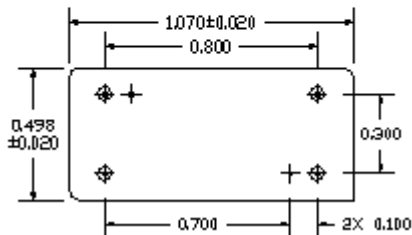
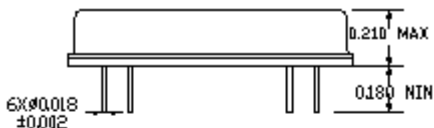
Horizontal: 0.8MHz/Div

Vertical: 50ns/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	29.90	30.00	30.10
Insertion Loss at F ₀	dB		20.00	22.00
1 dB Bandwidth	MHz	0.74	0.79	
3 dB Bandwidth	MHz	1.00	1.05	
40dB Bandwidth	MHz		1.92	1.99
Passband Variation	dB		0.30	0.50
Group Delay Variation	nsec		100	120
Absolute Delay	usec		2.33	2.35
Ultimate Rejection	dB	40	45	
Substrate Material	-		LiTaO ₃	
Ambient Temperature	°C	-40	25	80

Package



No Matching Required
 Source/Load Impedance=50ohm
 Package Style X0