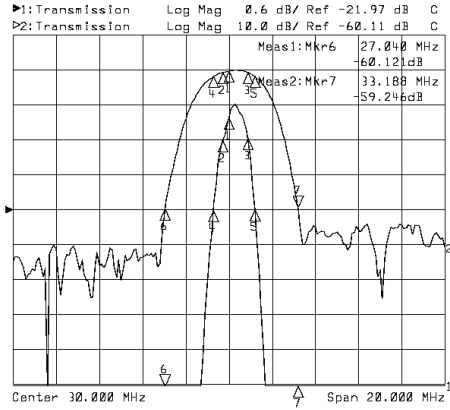


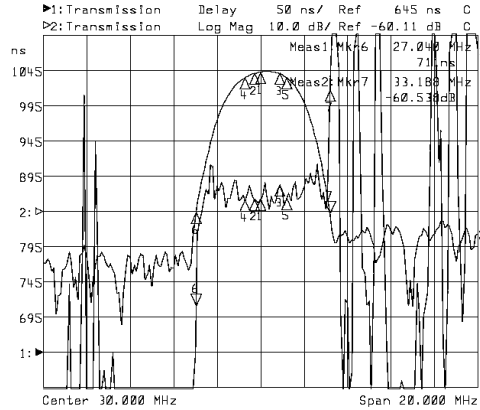
30MHz Standard Filter

Part Number 030020L

Typical Performance



Horizontal: 2MHz/Div
Vertical: 0.6dB/Div&10dB/Div

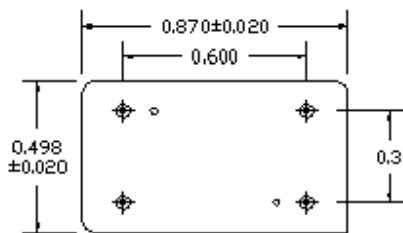
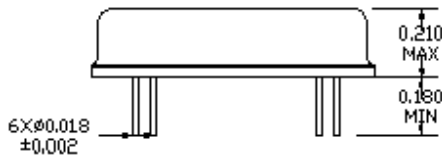


Horizontal: 2MHz/Div
Vertical: 50ns/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	29.90	30.00	30.10
Insertion Loss at F ₀	dB		20.38	20.70
1 dB Bandwidth	MHz	1.16	1.19	
3 dB Bandwidth	MHz	1.89	1.92	
40dB Bandwidth	MHz		6.15	6.19
Passband Variation	dB		0.20	0.50
Group Delay Variation	nsec		50	70
Absolute Delay	usec		0.86	
Ultimate Rejection	dB	42	45	
Substrate Material	-		LiTaO ₃	
Ambient Temperature	°C	-40	25	80

Package



L1=L2=500nH
 No Matching Required
 Source/Load Impedance=50ohm
 Package Style XI