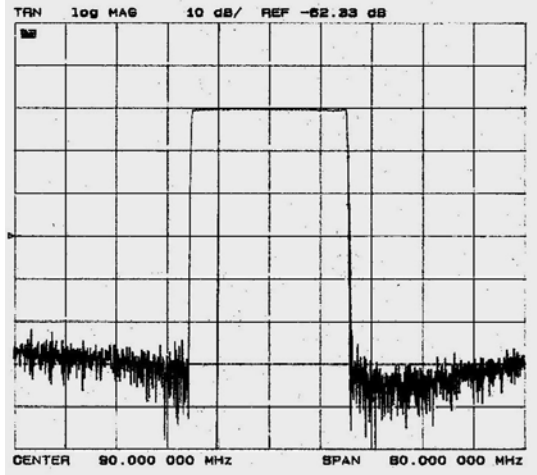


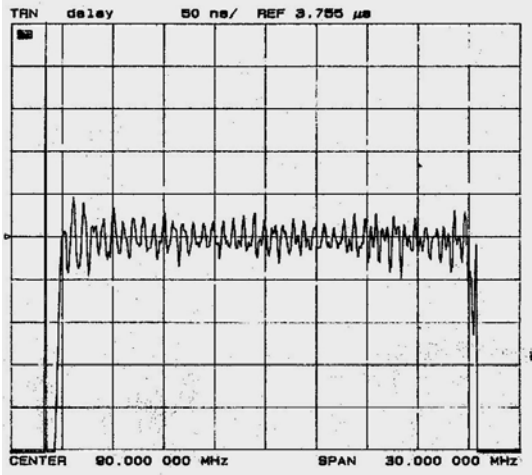
90MHz Standard Filter

Part Number 090240A

Typical Performance



Horizontal: 8MHz/Div
Vertical: 10dB/Div

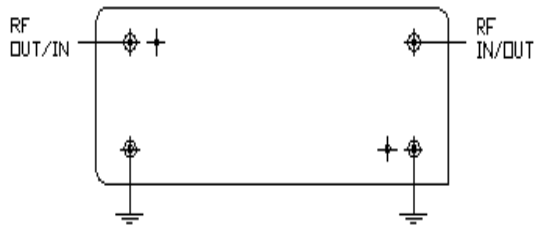
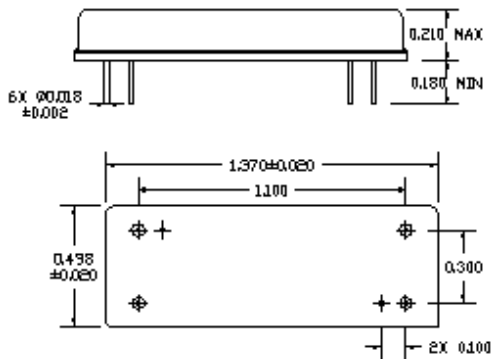


Horizontal: 3MHz/Div
Vertical: 50ns/Div

Specifications

Parameter	unit	Minimum	Typical	Maximum
Center Frequency (F0)	MHz	89.90	90.00	90.10
Insertion Loss	dB	-	33.00	35.00
-1dB Bandwidth	MHz	24.00	24.15	-
-2dB Bandwidth	MHz	-	24.25	-
-18dB Bandwidth	MHz	-	24.78	-
-50dB Bandwidth	MHz	-	25.09	25.2
Absolute Delay	usec		3.76	
Passband Variation (F0 ± 12MHz)	dB	-	0.5	2
Group delay Variation (F0 ± 12MHz)	nsec	-	100	200
Phase Linearity(F0 ± 12MHz)	degree	-	6	10
Ultimate Rejection	dB	50	53	
Substrate Material			YZ-LiNbO3	
Ambient Temperature			25°C	

Package XW



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