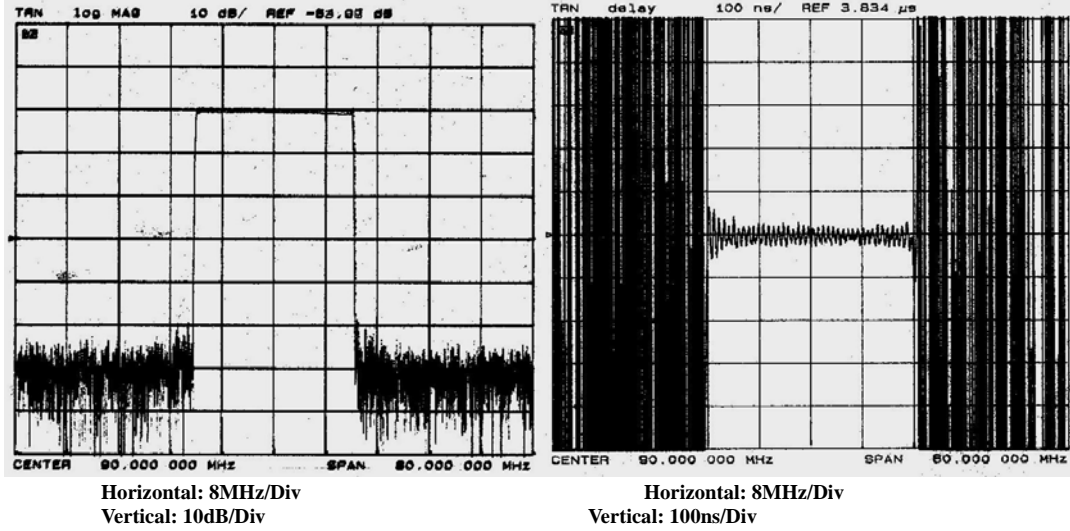


# 90MHz Standard Filter

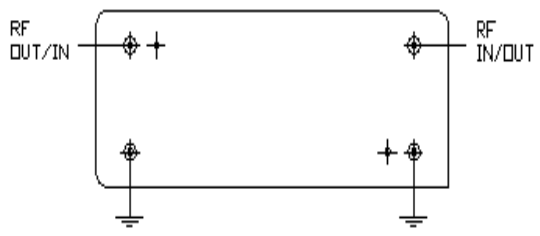
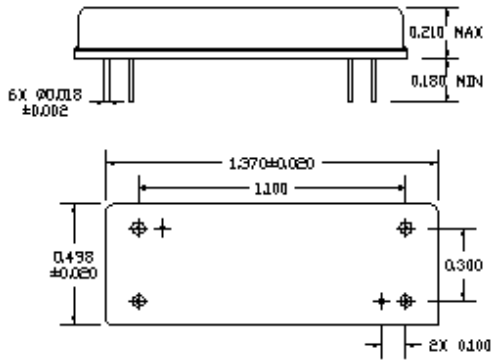
## Part Number 090240B

### Typical Performance



Specifications				
Parameter	unit	Minimum	Typical	Maximum
Center Frequency (F0)	MHz	89.9	90	90.1
Insertion Loss	dB	-	33	35
-1.5dB Bandwidth	MHz	24	24.05	-
-30dB Bandwidth	MHz	-	24.75	24.8
-50dB Bandwidth	MHz	-	25.05	25.2
Absolute Delay	usec	-	3.83	-
Passband Variation (F0 ± 12MHz)	dB	-	1	2
Group delay Variation (F0 ± 12MHz)	nsec	-	100	200
Phase Linearity(F0 ± 12MHz)	degree	-	5	7
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