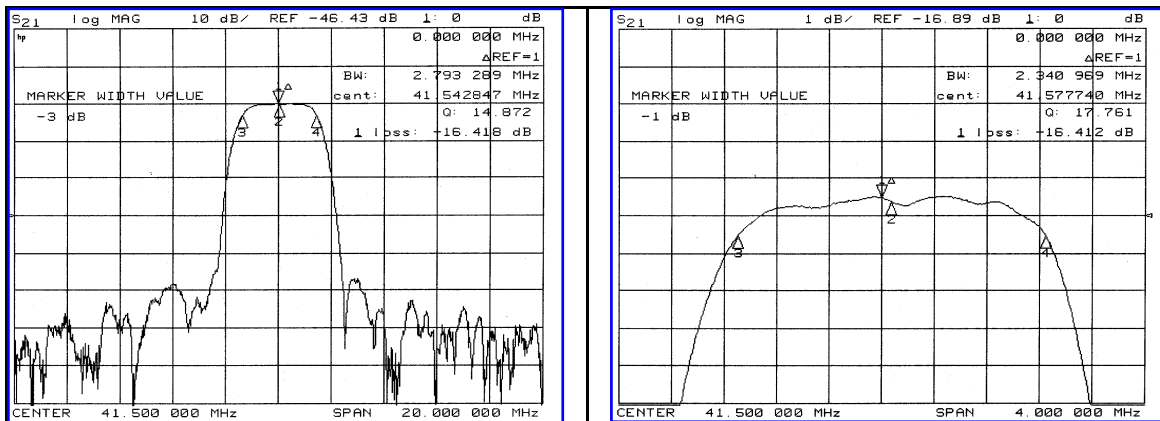


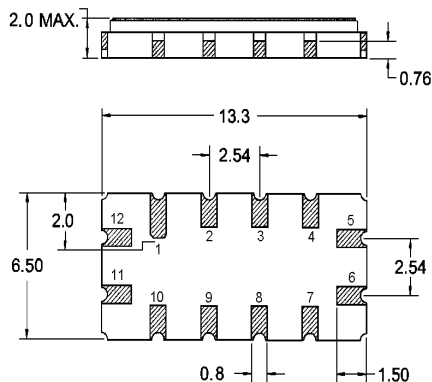
Typical Performance



Specification

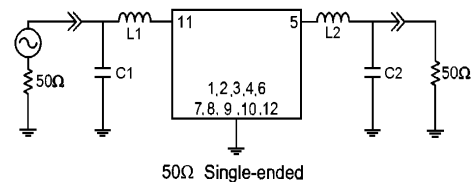
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	41.40	41.50	41.60
Insertion Loss	dB	-	16.50	18.00
1dB Bandwidth	MHz	-	2.34	-
3dB Bandwidth	MHz	2.50	2.79	-
40dB Bandwidth	MHz	-	4.56	5.00
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	80	150
Absolute Delay	μsec	-	1.67	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Input : 11 , Input Gnd : 12
 Output : 5 , Output Gnd : 6
 Other Pins : Ground

Matching Configuration



L1=L2=390nH, C1=110pF, C2=82pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

02/13/2006

