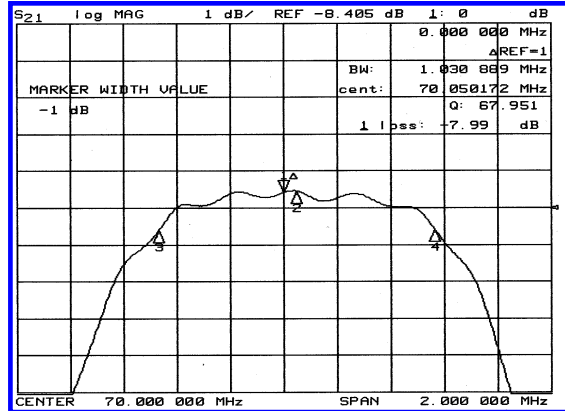
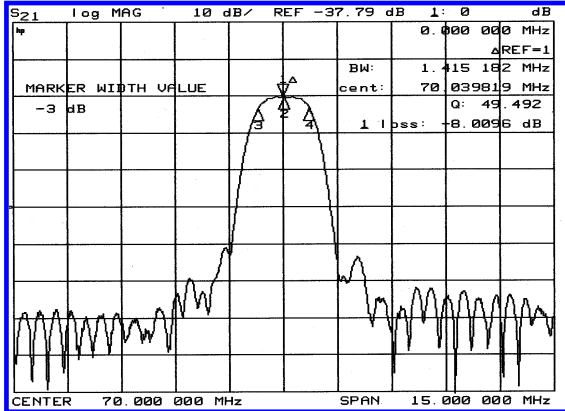


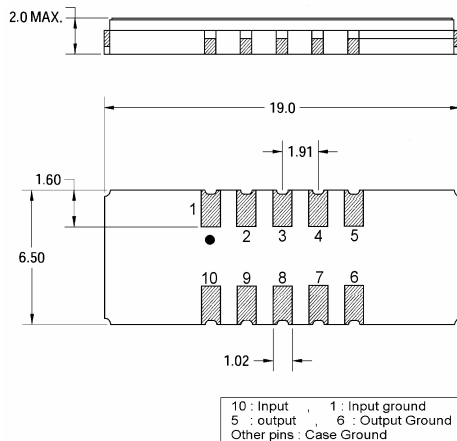
Typical Performance



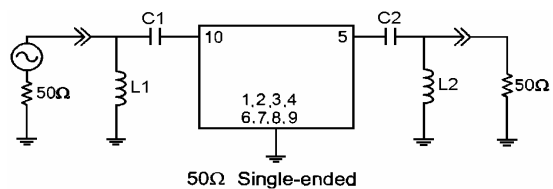
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	69.92	70.00	70.08
Insertion Loss	dB	-	8.0	9.0
1dB Bandwidth	Mhz	0.90	1.03	-
3dB Bandwidth	Mhz	1.30	1.41	-
40dB Bandwidth	Mhz	-	2.86	3.00
Passband Ripple	dB	-	0.65	1.00
Phase Linearity	deg	-	5.0	7.0
Group Delay Variation	nsec	-	200	300
Absolute Delay	µsec	-	2.2	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=0.1µH, L2=0.1µH, C1=160pF, C2=180pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C