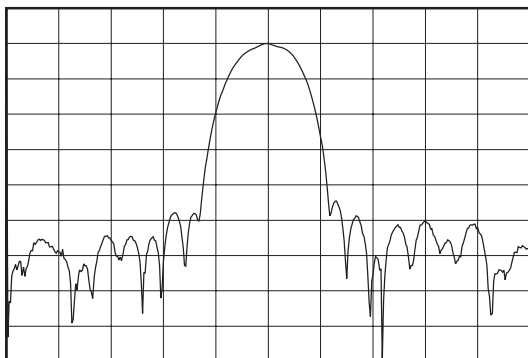
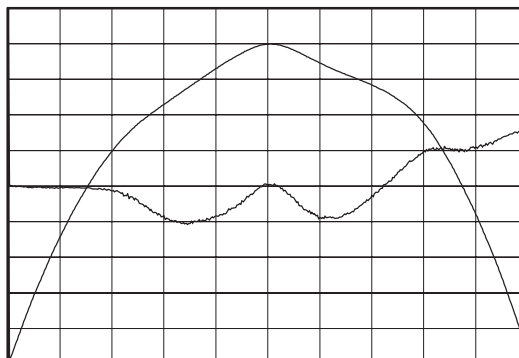


Typical Performance



Horizontal: 700 kHz/Div
Vertical: 10 dB/Div

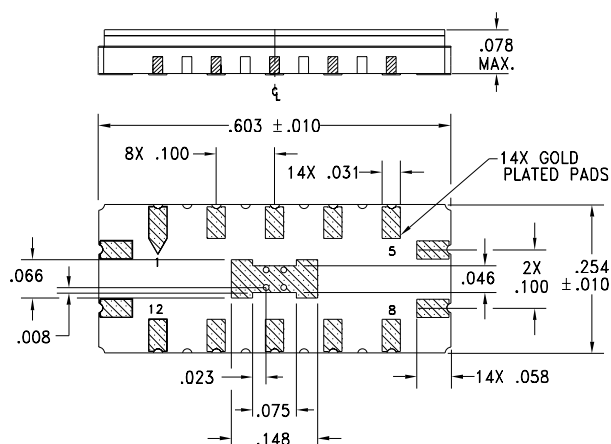


Horizontal: 100 kHz/Div
Vertical: 1 dB/Div
Vertical: 150 nsec/Div

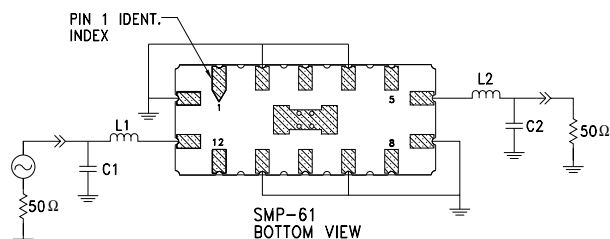
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency (at 1 dB)	MHz	210.95	211	211.05
Minimum Insertion Loss	dB	-	7	9
1 dB Bandwidth	MHz	0.25	0.31	-
3 dB Bandwidth	MHz	0.55	0.63	-
20 dB Bandwidth	MHz	-	1.34	1.5
40 dB Bandwidth	MHz	-	1.65	1.8
Triple Transit Suppression	dB	30	35	-
Group Delay Variation	nsec	-	300	600
Passband Ripple	dB	-	0.01	0.5
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	Quartz	-
Operating Temperature Range	°C	-40	25	85

Package Outline



Matching Configuration



L1 = 47nH, L2 = 39nH
C1 = 22pF, C2 = 33pF
Nominal Source/Load Impedance = 50Ω
Package Style SMP-61

12/1/99