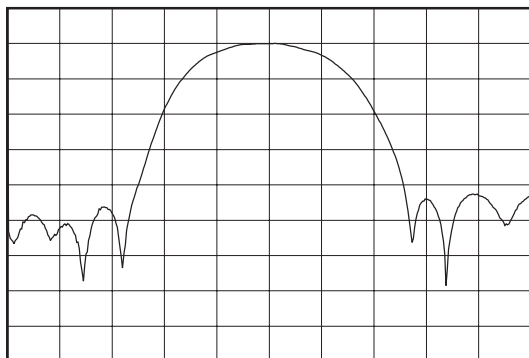
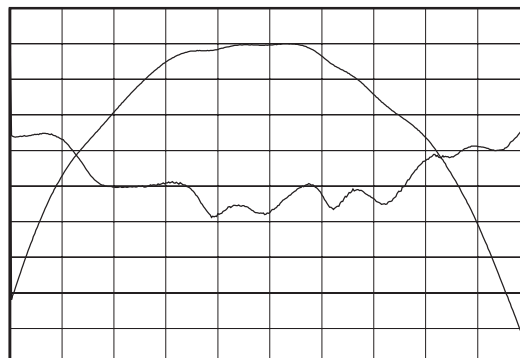


Typical Performance



Horizontal: 1 MHz/Div
Vertical: 10 dB/Div

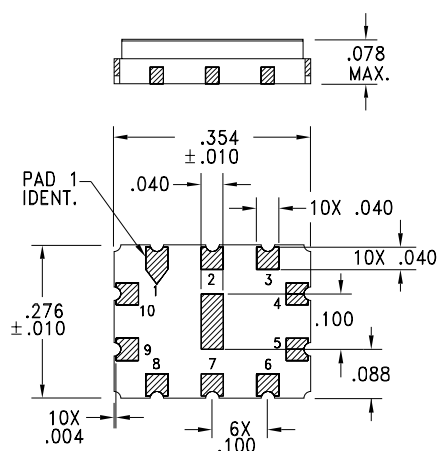


Horizontal: 300 kHz/Div
Vertical: 1 dB/Div
Vertical: 60 nsec/Div

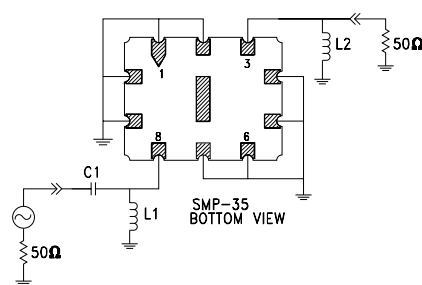
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	499.25	-
Insertion Loss	dB	6	7.08	9
Δ IL (+25°C to -25°C)	dB	-0.2	-0.58	-0.9
Δ IL (+25°C to +75°C)	dB	0.2	0.51	0.9
3 dB Lower Frequency	MHz	-	498.21	498.75
3 dB Upper Frequency	MHz	499.75	500.28	-
35 dB Lower Frequency	MHz	496.25	496.93	-
35 dB Upper Frequency	MHz	-	501.75	502.25
Amplitude Ripple	dB	-	0.04	0.5
Ultimate Rejection	dB	40	45	-
Substrate Material	-	-	Quartz	-
Operating Temperature Range	°C	-25	25	75

Package Outline



Matching Configuration



L1 = 4 nH, L2 = 4 nH
C1 = 15 pf
Nominal Source/Load Impedance = 50Ω
Package Style SMP-35

12/1/99