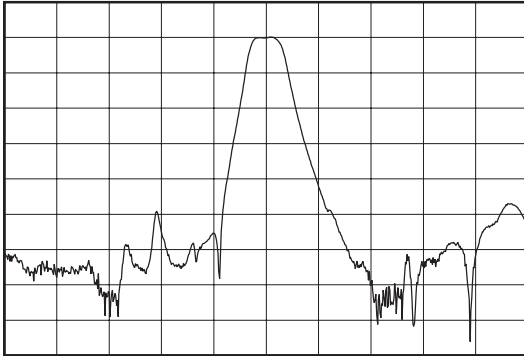
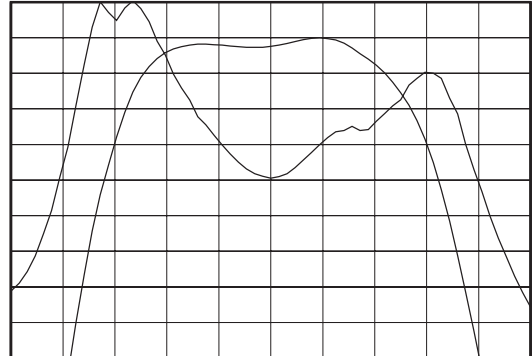


Data Sheet

Typical Performance



Horizontal: 800 kHz/Div
Vertical: 10 dB/Div



Horizontal: 80 kHz/Div
Vertical: 1 dB/Div
Vertical: 200 nsec/Div

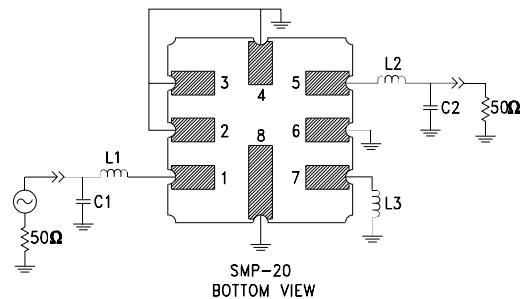
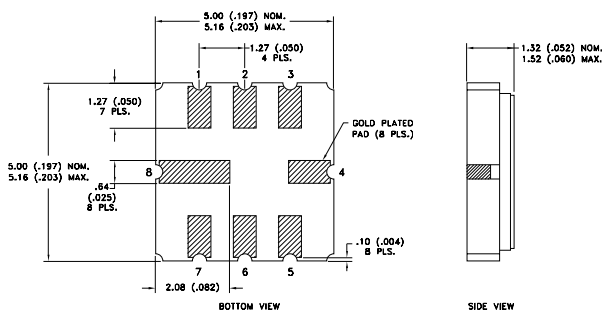
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	400	-
Insertion Loss	dB	-	5.2	6.5
Lower 2 dB Point	MHz	-	399.8	399.917
Upper 2 dB Point	MHz	400.083	400.16	-
7 dB Bandwidth	MHz	-	0.58	0.8
10 dB Bandwidth	MHz	-	0.65	1.2
20 dB Bandwidth	MHz	-	0.89	1.6
Amplitude Variation (399.917 - 400.083 MHz)	dB	-	0.23	2
Group Delay Variation (399.917 - 400.083 MHz)	nsec	-	162	1000
Rejection: 50 - 398.5 MHz	dB	35	37.9	-
Rejection: 401.5 - 500 MHz	dB	35	36	-
Substrate Material	-	-	Quartz	-
Operating Temperature Range	°C	-40	25	85

Package Outline

Matching Configuration

Specifications subject to change or obsolescence



L1 = 48 nH , L2 = 51 nH , L3 = 39 nH
C1 = 10 pf , C2 = 10 pf
Nominal Source/Load Impedance = 50 Ω
Package Style SMP-20
10/3/00