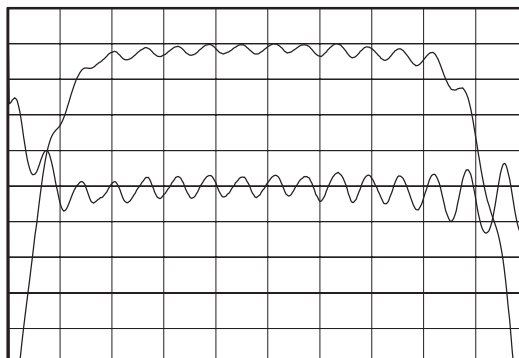


Preliminary Specifications

Typical Performance



Horizontal: 2 MHz/Div
 Vertical: 10 dB/Div

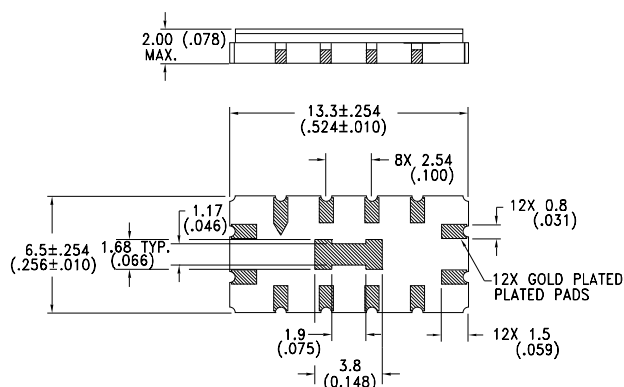


Horizontal: 650 kHz/Div
 Vertical: 1 dB/Div
 Vertical: 120 nsec/Div

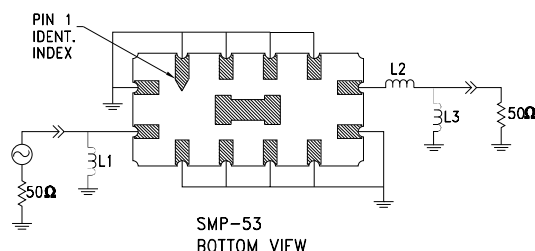
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	190	-
Insertion Loss @ 190 MHz	dB	-	9.8	12
1 dB Lower Frequency	MHz	-	187.58	187.85
1 dB Upper Frequency	MHz	192.15	192.26	-
10 dB Lower Frequency	MHz	186.6	186.84	-
10 dB Upper Frequency	MHz	-	193.07	193.4
30 dB Lower Frequency	MHz	186.2	186.42	-
30 dB Upper Frequency	MHz	-	193.59	193.8
Passband Variation (187.9 - 192.1 MHz)	dB p-p	-	0.49	1
Group Delay Ripple (187.9 - 192.1 MHz)	nsec	-	74	200
Substrate Material	-	-	LiTaO ₃	-
Temperature Coefficient	ppm/°C	-	$\Delta F/F = -[(T - T_0)/5.4]^2$	-
Ambient Temperature	°C	-	25	-

Package Outline



Matching Configuration



L1= 22 nH, L2=10 nH, L3= 27 nH
 Nominal Source/Load Impedance = 50Ω
 Package Style SMP-53

11/10/99