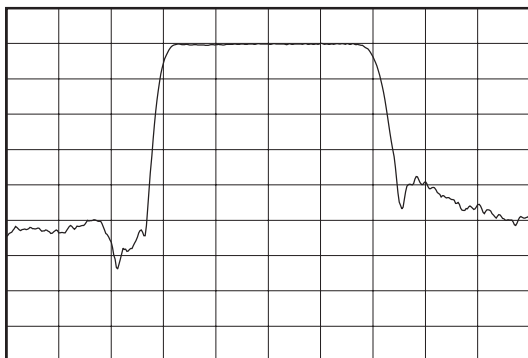
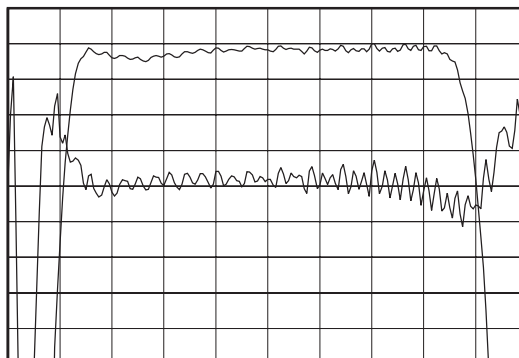


Data Sheet

Typical Performance



Horizontal: 5 MHz/Div
 Vertical: 10 dB/Div



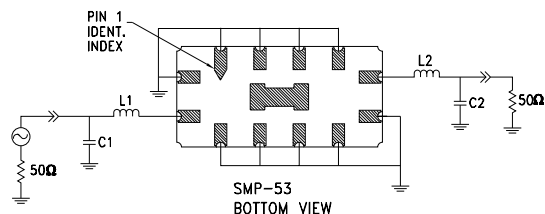
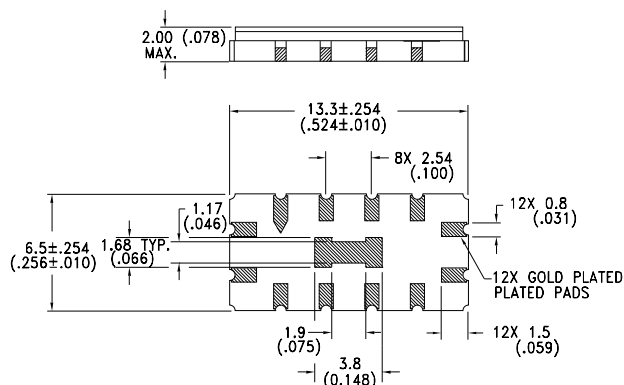
Horizontal: 2.5 MHz/Div
 Vertical: 1 dB/Div
 Vertical: 40 nsec/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	147.5	-
Insertion Loss	dB	-	9.1	11.3
1 dB Lower Frequency	MHz	-	137.6	139.5
1 dB Upper Frequency	MHz	155.5	152.1	-
Passband Ripple (133 - 148 MHz)	dB p-p	-	0.42	0.5
Group Delay Ripple(133 - 148)	nsec	-	78	300
Rejection: 10 - 134 MHz	dB	45	54	--
Rejection: 161 - 166 MHz	dB	35	37	-
Rejection: 166 - 180 MHz	dB	40	45	-
Rejection: 180 - 450 MHz	dB	45	66	-
Substrate Material	-	-	YZ LiNBO ₃	-
Operating Temperature Range	°C	0	25	70

Package Outline

Matching Configuration



L1 = 100 nH , L2 = 18 nH
 C1 = 33 pf , C2 = 68 pf
 Nominal Source/Load Impedance = 50 Ω
 Package Style SMP 53

12/3/99