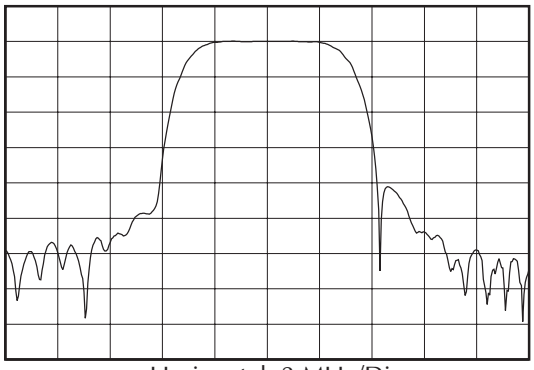
SAWTEK INCORPORATED

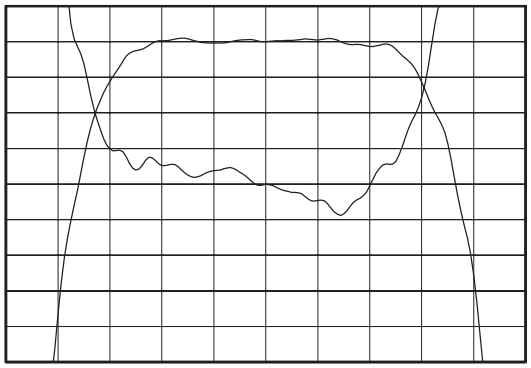
Data Sheet

261.12 MHz Bandpass Filter
3.84 MHz Bandwidth
Part Number 855787

Typical Performance



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



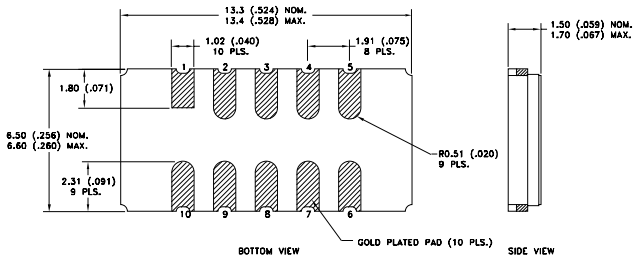
Horizontal: 800 kHz/Div
Vertical: 1 dB/Div
Vertical: 2 deg/Div

Specifications

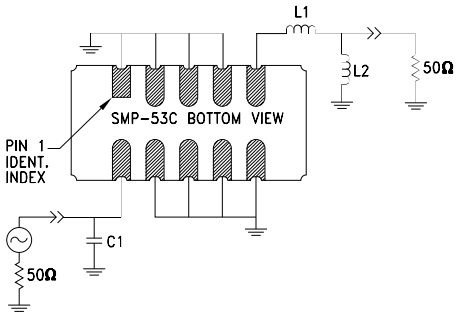
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	261.12	-
Maximum Insertion Loss (259.2 - 263.04 MHz)	dB		9.6	12
1 dB Lower Frequency	MHz	-	258.8	259.2
1 dB Upper Frequency	MHz	263.04	263.5	-
15 dB Lower Frequency	MHz	257.12	257.6	-
15 dB Upper Frequency	MHz	-	264.7	265.12
Phase Linearity(259.2 - 263.04 MHz)	deg	-	0.55	4
Rejection: 161.12 - 241.12 MHz	dB	47		-
Rejection: 241.12 - 253.12 MHz	dB	47		-
Rejection: 269.12 - 281.12 MHz	dB	47		-
Rejection: 281.12 - 361.12 MHz	dB	47		-
Triple Transit Suppression	dB	20		-
Substrate Material	-	-	$LiTaO_3$	-
Operating Temperature Range	°C	-20	25	85

Package Outline

Specifications subject to change or obsolescence without notice.



Matching Configuration



L1 = 18 nH , L2 =15 nH
C1 = 33 pf
Nominal Source/Load Impedance = 50Ω
Package Style SMP 53

2/21/00

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