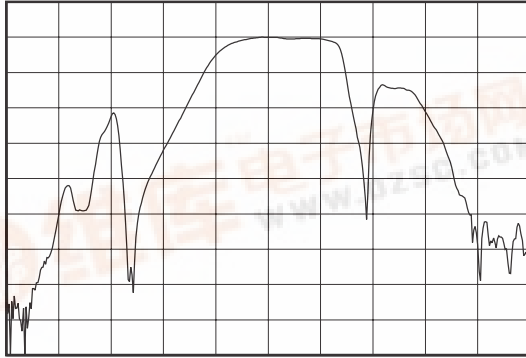




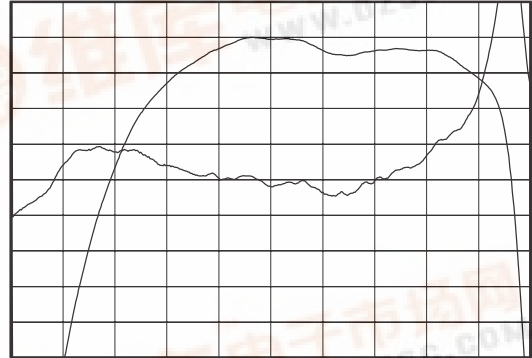
# Data Sheet

## 160 MHz Resonator Filter 200 kHz Bandwidth Part Number 855626

### Typical Performance



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



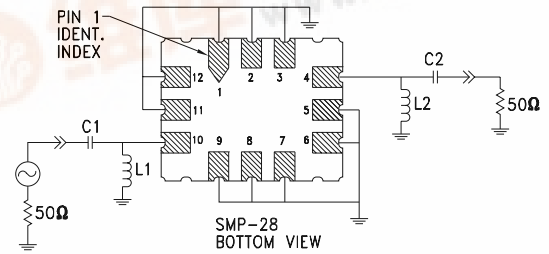
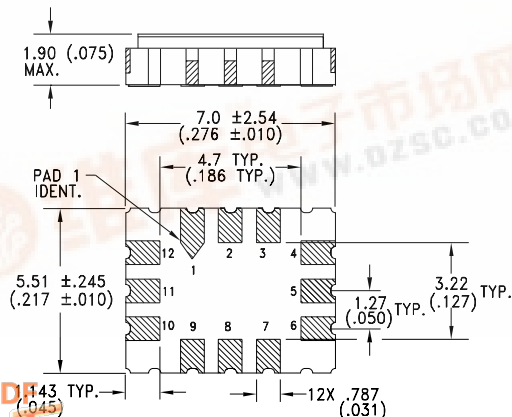
Horizontal: 300 kHz/Div  
Vertical: 1 dB/Div  
Vertical: 150 nsec/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	160	-
Insertion Loss	dB	-	3.3	5.5
0.5 dB Lower Frequency	MHz	-	159.6	159.9
0.5 dB Upper Frequency	MHz	160.1	160.8	-
10 dB Lower Frequency	MHz	158.2	158.7	-
10 dB Upper Frequency	MHz	-	161.3	161.8
30 dB Lower Frequency	MHz	154	156.7	-
30 dB Upper Frequency	MHz	-	163.2	166
Amplitude Variation (159.9 - 160.1 MHz)	dB	-	0.1	0.5
Delay Variation (159.9 - 160.1 MHz)	nsec	-	30	300
Substrate Material	-	-	LiTaO <sub>3</sub>	-
Operating Temperature Range	°C	0	25	70

### Package Outline      Matching Configuration

Specifications subject to change or obsolescence without notice.



L1 = 120 nH, L2 = 132 nH  
 C1 = 12 pf, C2 = 12 pf  
 Nominal Source/Load Impedance = 50Ω  
 Package Style SMP-28

7/18/00

