

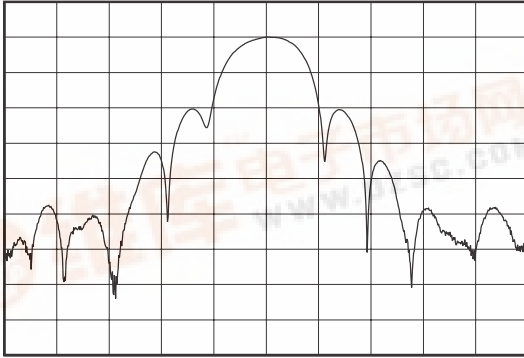


# 240 MHz Bandpass Filter

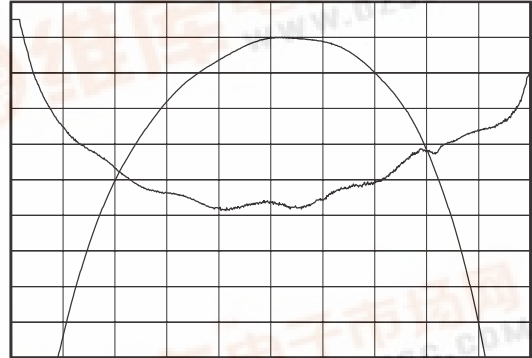
2 MHz Bandwidth  
Part Number 855091

## Data Sheet

### Typical Performance



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

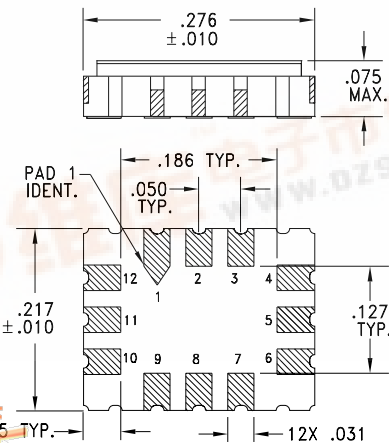


Horizontal: 400 kHz/Div  
Vertical: 1 dB/Div  
Vertical: 25 nsec/Div

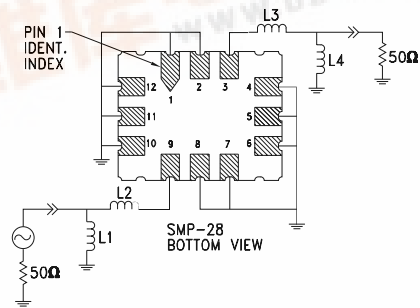
### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	240	-
Insertion Loss	dB	-	9.8	13
Lower 3 dB Bandedge	MHz	-	238.9	239
Upper 3 dB Bandedge	MHz	241	241.14	-
Lower 15 dB Bandedge	MHz	238	238.07	-
Upper 15 dB Bandedge	MHz	-	241.89	242
Lower 45 dB Bandedge	MHz	234.75	234.97	-
Upper 45 dB Bandedge	MHz	-	244.97	245.25
Group Delay Variation	dB	-	75	100
Ultimate Rejection	dB	45	50	-
Substrate Material	-	-	Quartz	-
Operating Temperature Range	°C	-10	25	60

### Package Outline



### Matching Configuration



L1 = 10 nH, L2 = 33 nH  
L3 = 62 nH, L4 = 10 nH  
Nominal Source/Load Impedance = 50 Ω  
Package Style SMP-28

11/9/99