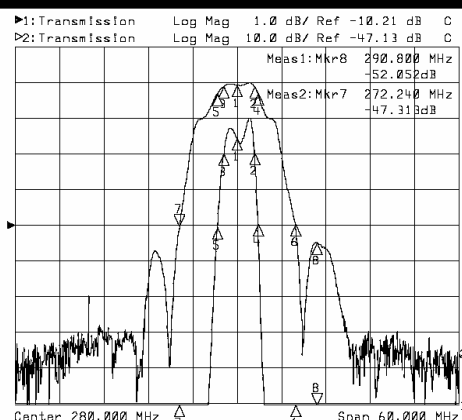


280 MHz Low-loss Filter

Part Number 280050L

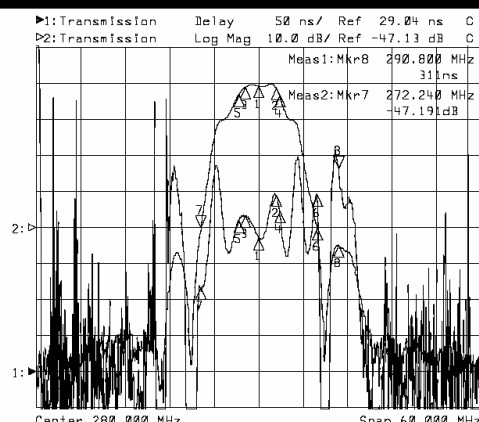
Typical Performance



Horizontal: 6MHz/Div

Vertical: 10dB/Div

NOTE: Date shown is based on tow 280040 cascaded configuration



Horizontal: 6MHz/Div

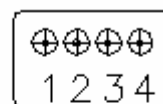
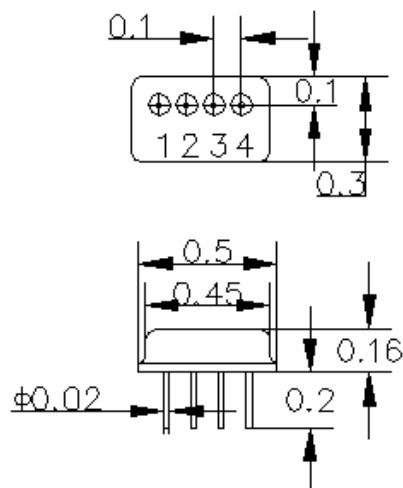
Vertical: 50nsec/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	279.9	280	280.1
Insertion Loss at F_0	dB		7.8	8.2
1 dB Bandwidth	MHz	4.1	4.2	
3 dB Bandwidth	MHz	5.4	5.5	
60dB Bandwidth	MHz		15.8	16.5
Passband Variation	dB		0.6	0.8
Group Delay Variation	nsec		80	100
Absolute Delay	usec		0.2	
Ultimate Rejection	dB	70	80	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

Package

SB-7



SB-7 IN (OUT) : 1
OUT (IN) : 4
GND : 2, 3