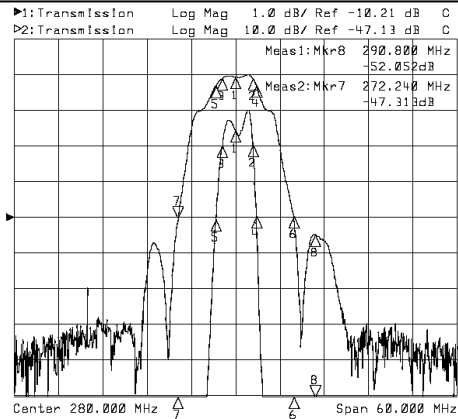


280MHz Low-loss Filter

Part Number 280050L

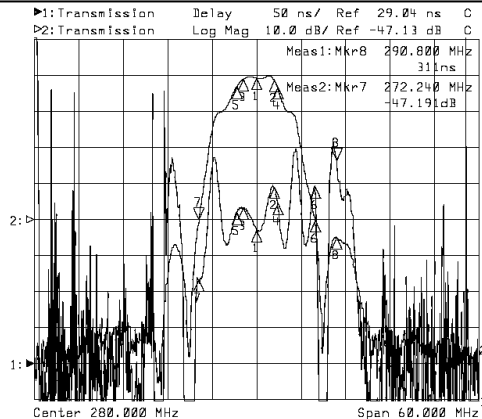
Typical Performance



Horizontal: 6MHz/Div

Vertical: 10dB/Div & 10dB/Div

NOTE: Date shown is based on two 280040 cascaded configuration



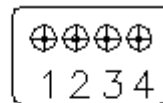
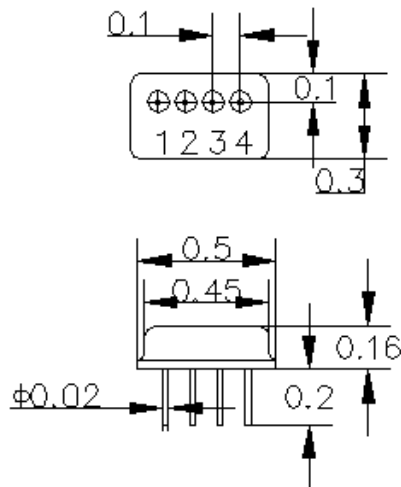
Horizontal: 6MHz/Div

Vertical: 50nsec/Div & 10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	279.90	280.00	280.10
Insertion Loss at F ₀	dB		7.80	8.20
1 dB Bandwidth	MHz	4.10	4.21	
3 dB Bandwidth	MHz	5.41	5.52	
60dB Bandwidth	MHz		15.81	16.50
Passband Variation	dB		0.60	0.80
Group Delay Variation	nsec		80	100
Absolute Delay	usec		0.20	0.21
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