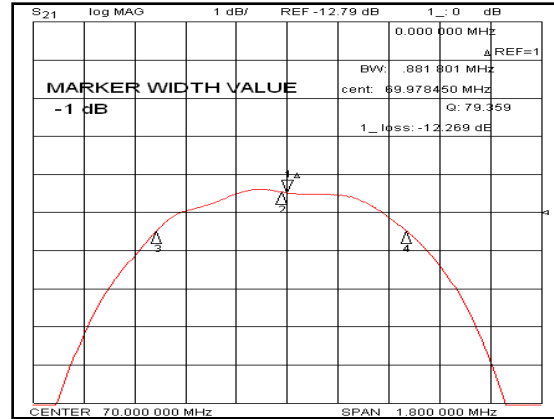
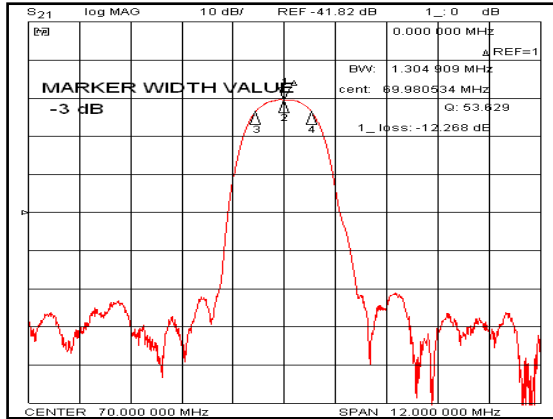


PRODUCT SPECIFICATION FOR INFORMATION

- Customer : BEL
- Product Name : SAW BAND PASS FILTER
- Part No : M070006S

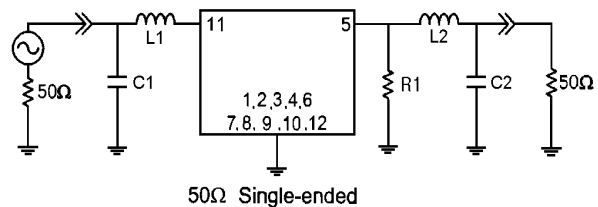
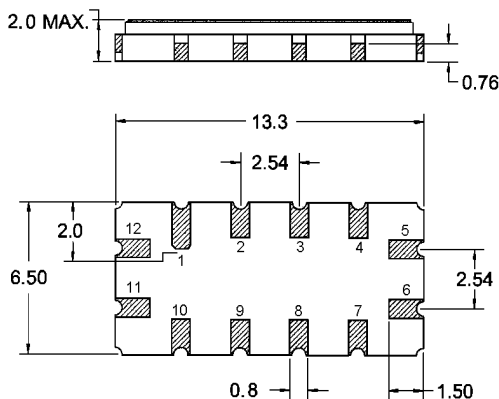
1. Typical Performance



2. Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	69.90	70.00	70.10
Insertion Loss	dB	-	12.30	14.50
1dB Bandwidth	MHz	0.60	0.88	-
40dB Bandwidth	MHz	-	3.00	3.50
Passband Ripple	dB	-	0.50	1.00
Group Delay Variation	nsec	-	150	300
Absolute Delay	µsec	-	1.43	-
Ultimate Attenuation				
Fc±2.0MHz Point	dB	40	45	-
IN_OUT VSWR	-		1 : 1.5	
Substrate Material	-		112-LiTaO ₃	
Temperature Coefficient	ppm/°C		-20	

3. Dimension & Matching Configuration



L1=120nH, L2=82nH, C1=68pF, C2=62pF, R1=51Ω
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

