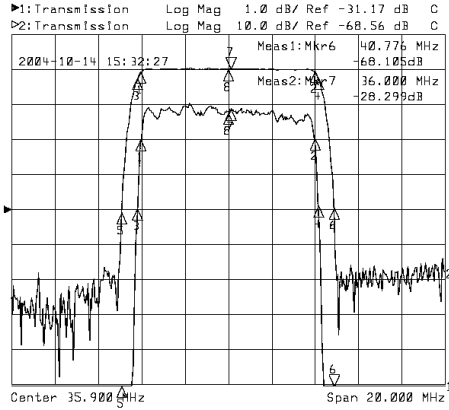


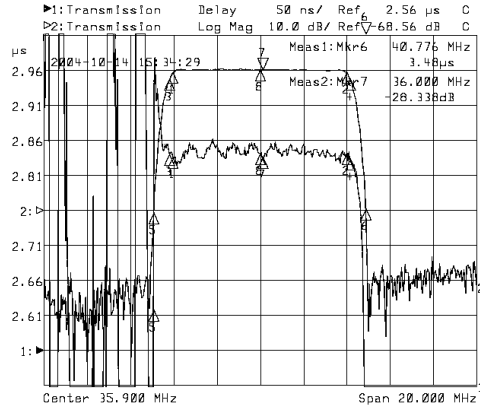
35.9MHz CATV Filter

Part Number B0576

Typical Performance



Horizontal: 2MHz/Div
Vertical: 1dB/Div&10dB/Div

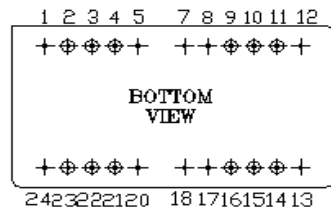
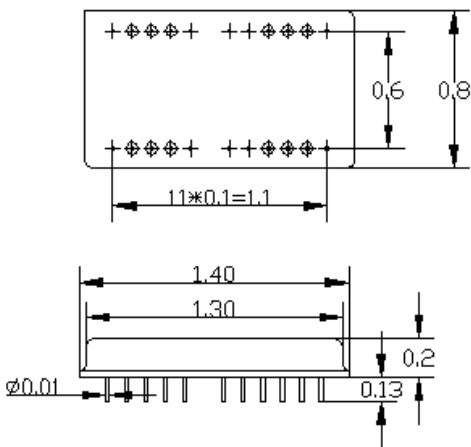


Horizontal: 2MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	35.85	35.90	39.95
Insertion Loss at F0	dB		28.00	28.60
@31.9MHz	dB	0.60	1.00	
@39.9MHz	dB	0.80	1.00	
3dB bandwidth	MHz	8.25	8.35	
40db bandwidth	MHz		9.80	10.00
Passband Variation	dB		0.40	0.60
Group Delay Variation	nsec		30	60
Absolute Delay	usec		2.09	2.12
Ultimate Rejection	dB	50	55	
Substrate Material	-		128-LiNbO3	
Ambient Temperature	°C	-40	25	80

Package



- 2 INPUT-GROUND
- 3 INPUT
- 14 OUTPUT-GROUND
- 15 OUTPUT
- 4,9,10,11,16,21,22,23 NOT CONNECTED
- 1,5,7,8,12,13,17,18,20,24 CHIP CARRIER-GROUND

NO Matching Required
 Source/load Impedance=50ohm
 Package Style XR