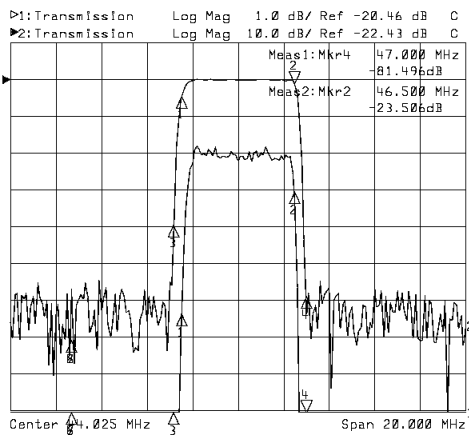


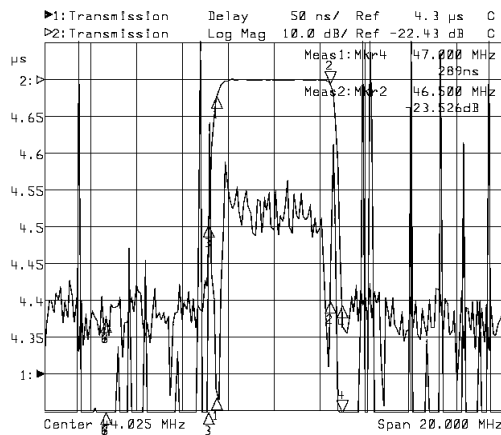
44.025MHz CATV Filter

Part Number M0545

Typical Performance



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

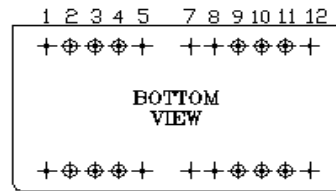
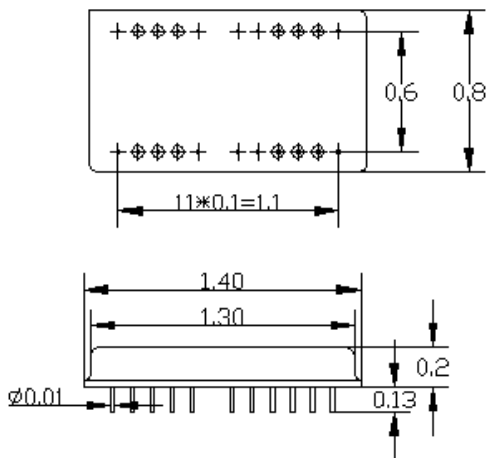


Horizontal: 2MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	44.000	44.025	44.050
Insertion Loss at F0	dB		23.00	24.00
@46.50MHz	dB	1.45	1.50	
@41.55MHz	dB	4.45	4.50	
@47.00MHz	dB		55.00	55.75
@41.20MHz	dB		40.00	40.75
Passband Variation	dB		0.30	0.50
Group Delay Variation	nsec		60	90
Absolute Delay	usec		4.55	4.60
Ultimate Rejection	dB	53	58	
Substrate Material	-		YZ-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