

Features

- ADTPX2100/4670/5550-A composed of Cavity Triplexer
- Low Insertion Loss
- Very compact size and low weight



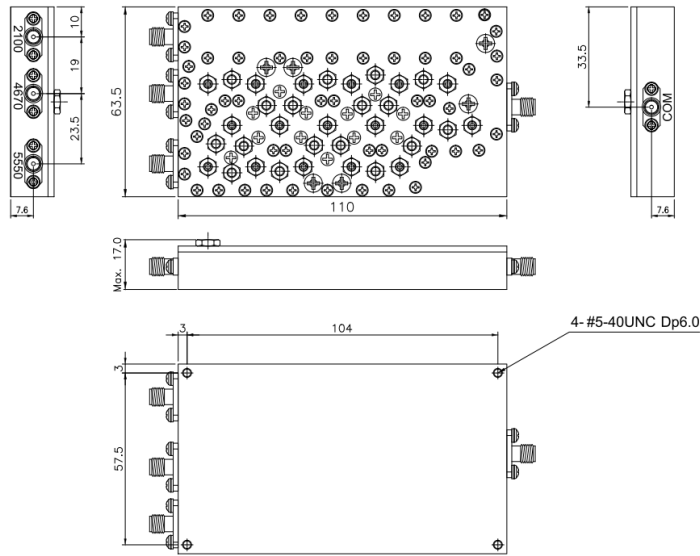
Applications

- Military Radar applications
- Electronics warfare

Specifications

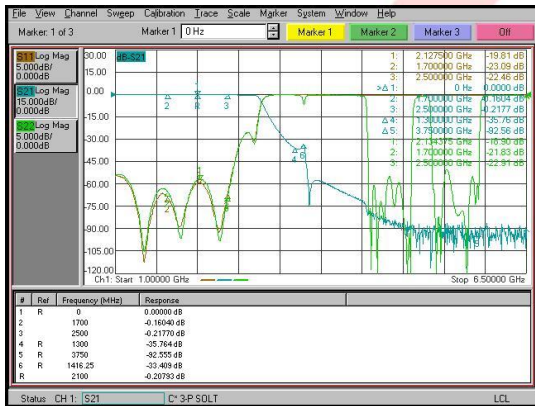
Parameter	Band 2100	Band 4670	Band 5550	Remark
Frequency Range [MHz]	1,700 ~ 2,500	4,400 ~ 4,940	5,250 ~ 5,850	
Center Frequency [MHz]	2,100	4,670	5,550	
Bandwidth [MHz]	600	540	600	
Insertion Loss	0.5 dB Max.	1.0 dB Max.	1.0 dB Max.	
Pass Band Ripple	0.3 dB Max.	0.5 dB Max.	0.5 dB Max.	
Return Loss	15.0 dB Min.	15.0 dB Min.	15.0 dB Min.	
Rejection [MHz]	30.0 dBc Min. @ 3,400 ~ 5,850	70.0 dB Min. @ 4,090	70.0 dB Min. @ 4,940	
	-	70.0 dB Min. @ 5,250	70.0 dB Min. @ 6,160	
Power Handling	40 W Max.			
Impedance	50 Ω			
Operating Temp.	-40 °C ~ + 85 °C			
Storage Temperature	-54 °C ~ +85 °C			
Connector	SMA Female			
Dimensions (WxDxH)	63.5 * 110.0 * 17.0 mm			Exclude Connectors
Weight	300 g Max.			

Outline Drawing

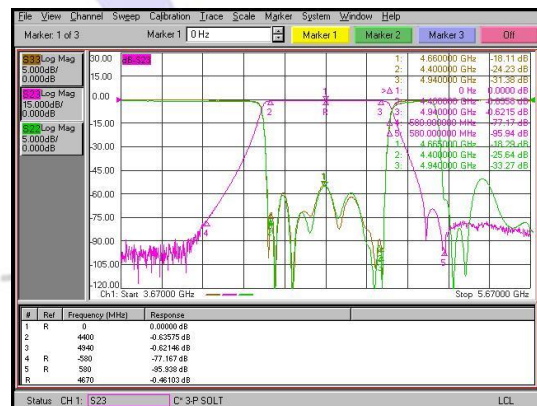


Units : mm, Tolerance : +/- 0.2 mm

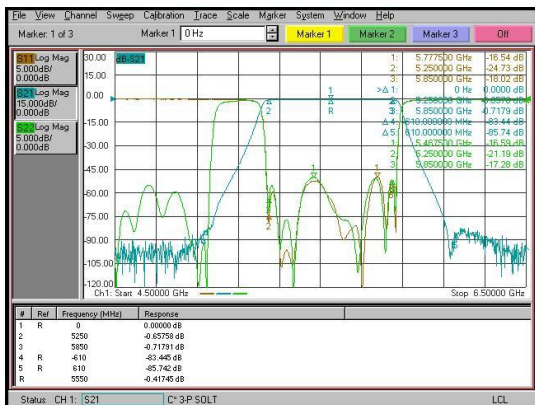
Typical Response



Band 2100



Band 4670



Band 5550