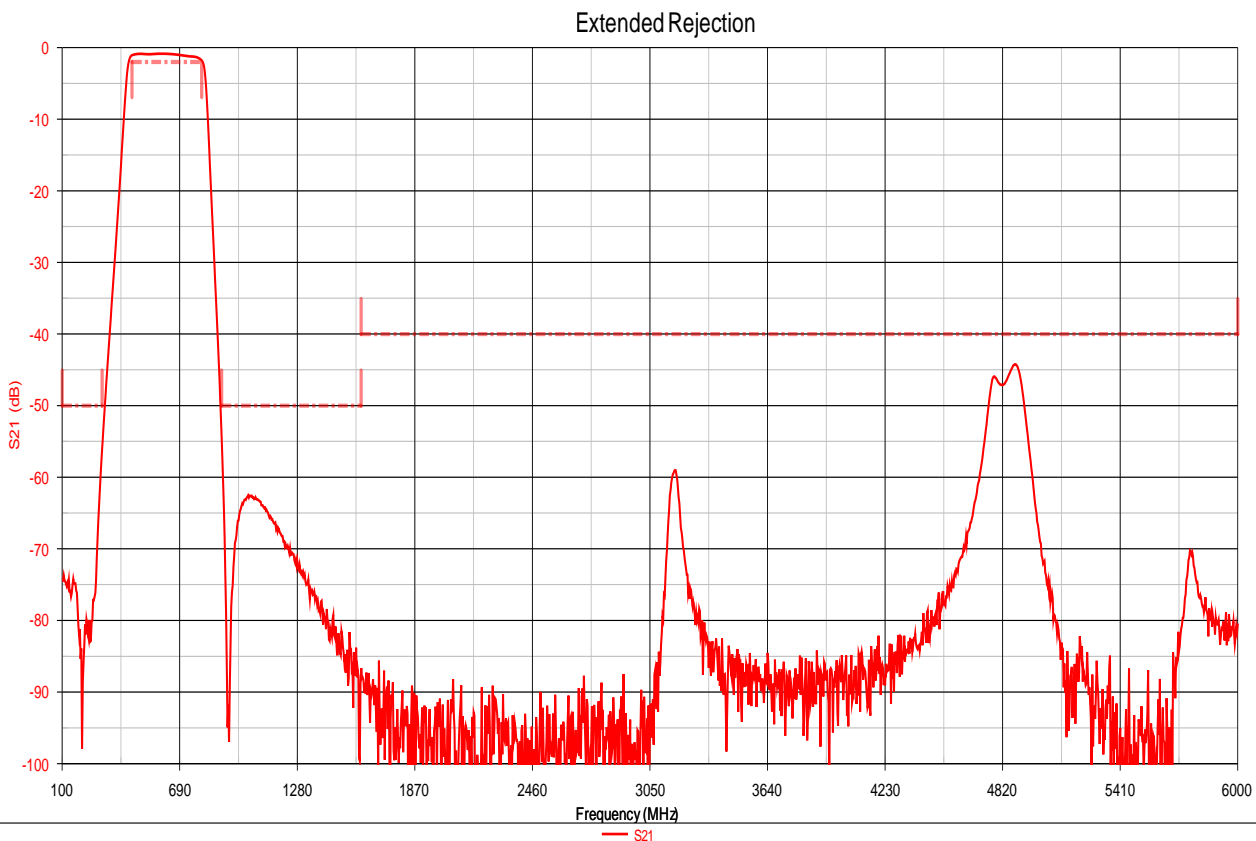
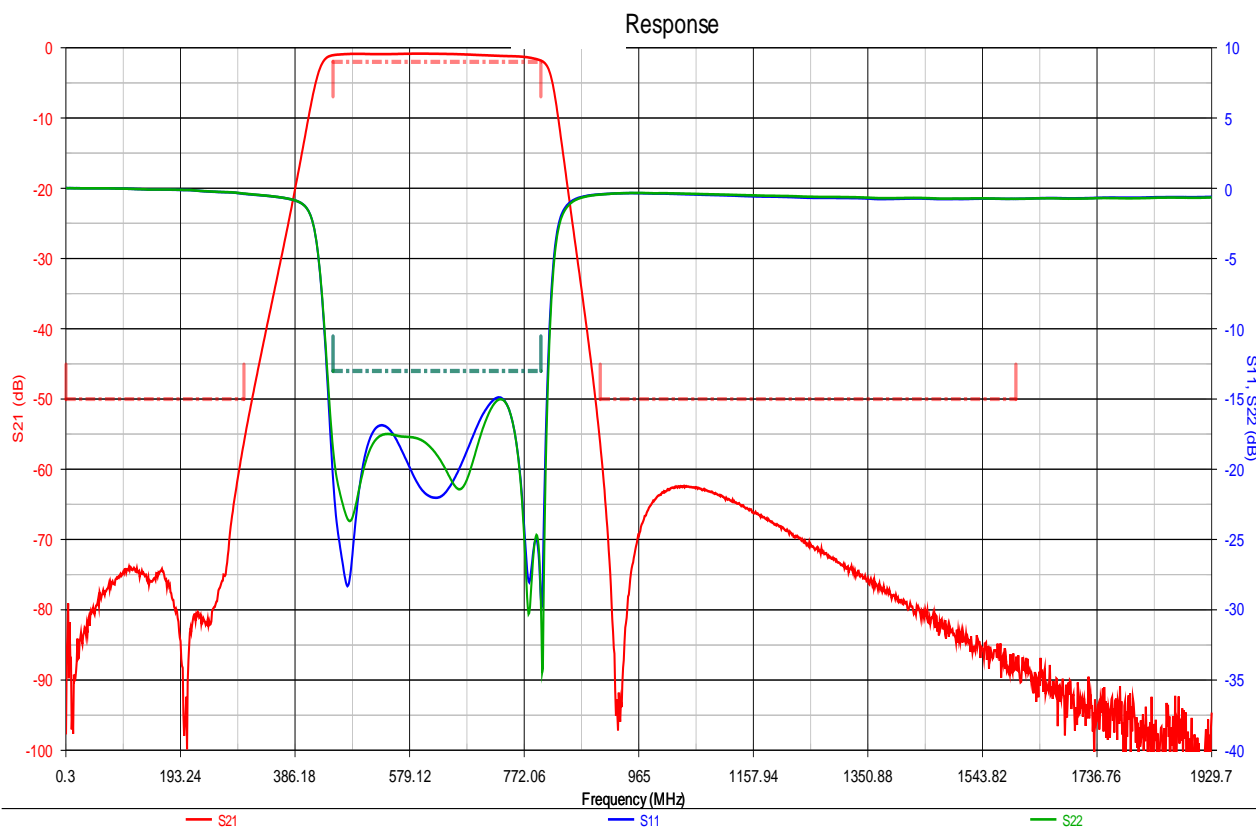


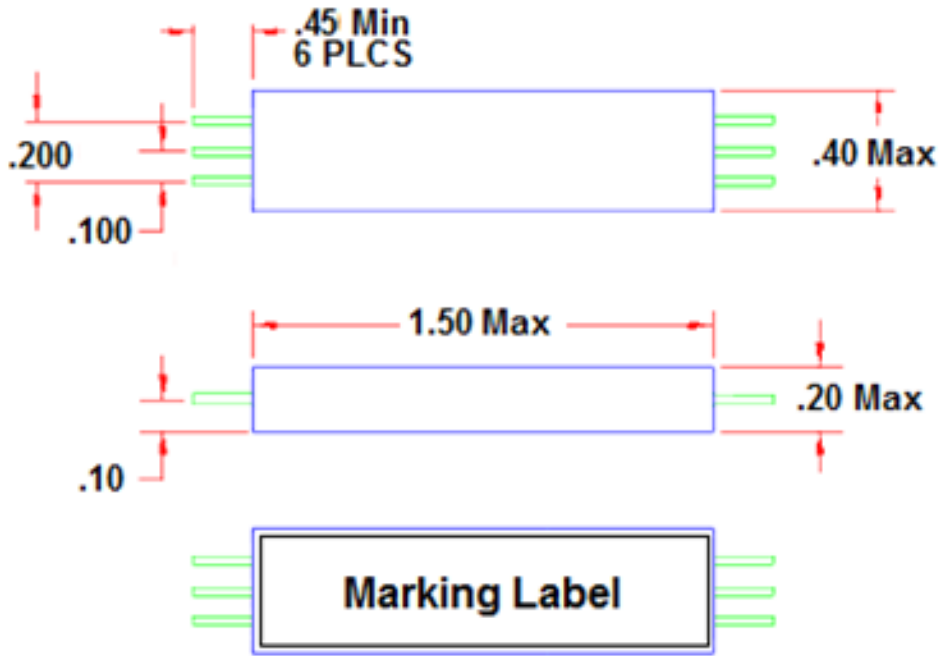
GENERAL AND ELECTRICAL REQUIREMENTS

Parameter	Specification	Notes				
Center Frequency	625 MHz					
Passband @ 1dBc	450 to 800 MHz	Minimum				
Passband Insertion Loss	2.0 dB Maximum	Over full temperature range				
% Bandwidth	56%					
Rejection	≥ 55 dB, DC to 300 MHz ≥ 55 dB, 900 MHz to 1600 MHz ≥ 40 dB, 1600 MHz to 6000 MHz Lower side shape factor: 1.5 Upper side shape factor: 1.13					
Z_s/Z_L	50Ω nominal					
Input Power Handling	+33 dBm CW					
Package						
Dimensions	Size: 1.500" (L) x 0.400" (W) x 0.200" (H), all dimensions are maximums					
Case Materials & Finish	Silver Plated Brass per ASTM B700, Type1, Grade A					
Absolute Maximum Ratings and Conditions						
Parameter	Symbol	Min	Typ.	Max	Units	Notes
Operating Temperature	T _A	-20		+60	°C	
Storage Temperature	T _S	-40		+85	°C	

REPRESENTATIVE PLOTS



PACKAGE OUTLINE



UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES
 DECIMALS ANGULAR
 .XX ± .01 ±
 .XXX ± .005
 DO NOT SCALE DRAWING

Data Sheet Revision Table

Date	Rev	Author	Details of Revision
01-09-25	A	AR	Original Release

MtronPTI reserves the right to make changes to the product(s) and service(s) described herein without notice.
 No liability is assumed as a result of their use or application.