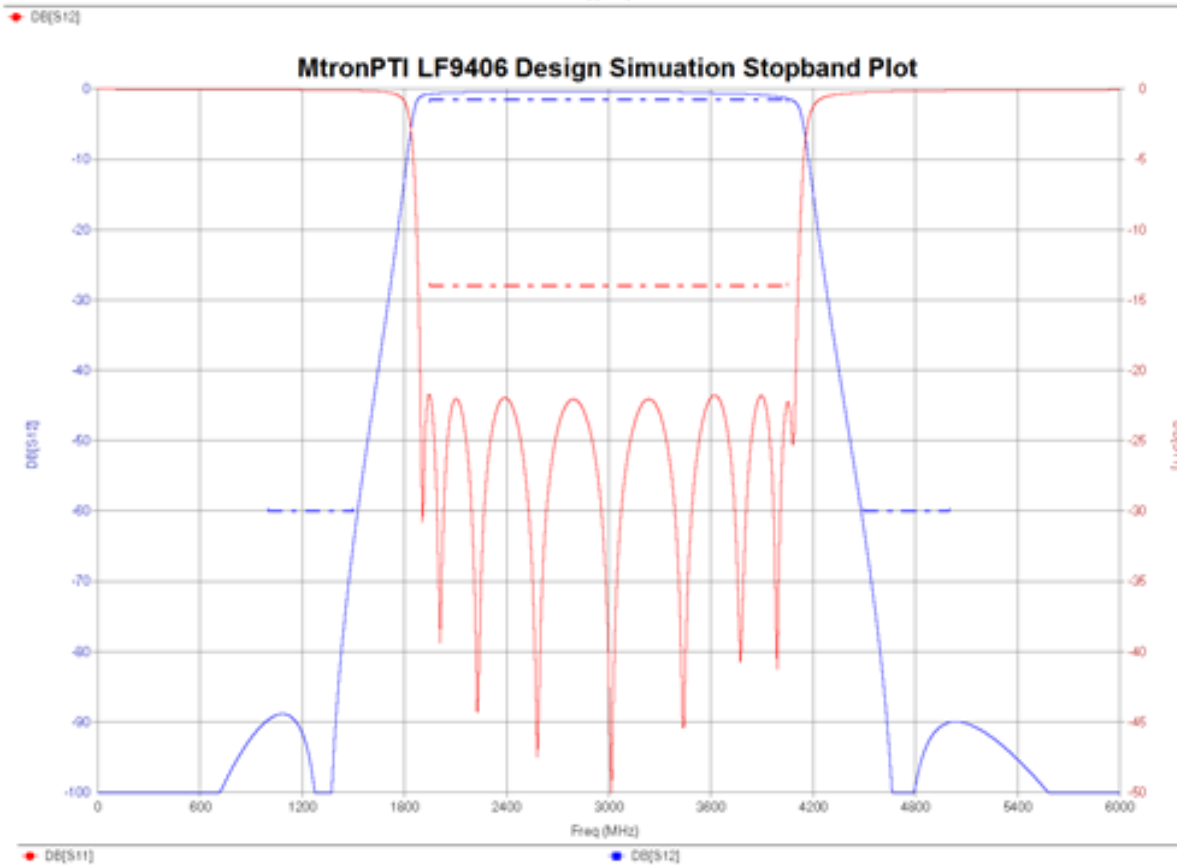
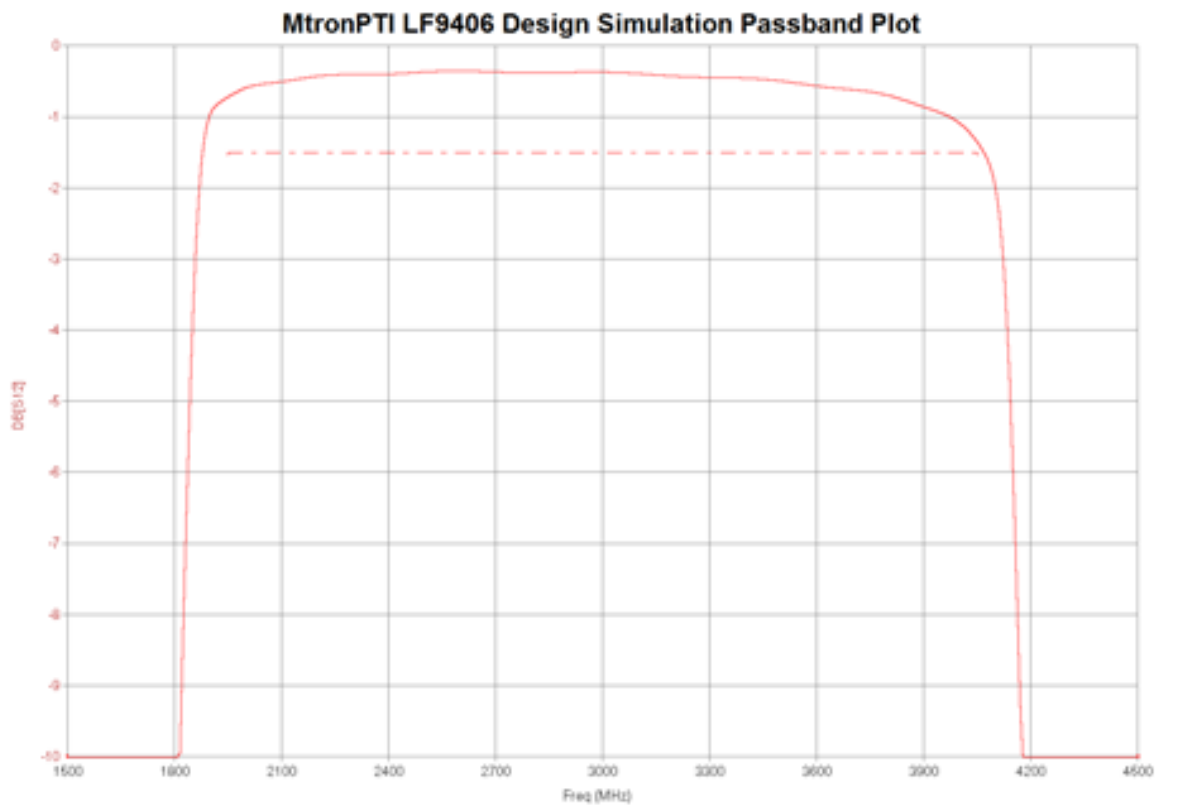


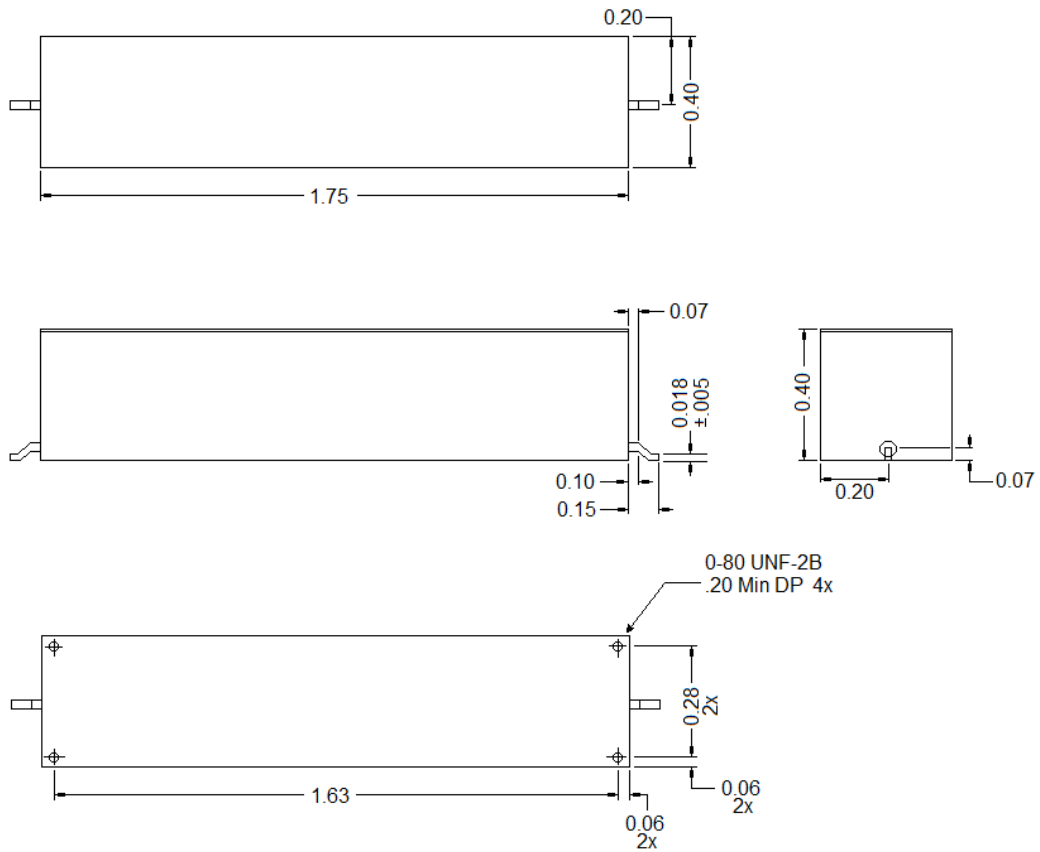
## GENERAL AND ELECTRICAL REQUIREMENTS

Parameter	Specification				Notes	
Center Frequency	3000 MHz					
Passband @ 1dBc	1950 to 4050 MHz				2100MHz Minimum	
Passband Insertion Loss	1.3 dB Maximum				Over full temperature range	
Return Loss	14 dB					
Rejection	$\geq 60$ dB, DC MHz to 1500 MHz $\geq 60$ dB, 4500 MHz to 18000 MHz					
$Z_S/Z_L$	50 $\Omega$ nominal					
Package						
Dimensions	2.05" (L) x 0.400" (W) x 0.400" (H), including Gull Wing formed leads					
Seal	Non-Hermetic, solder sealed					
Finish	Silver, Sn63Pb37 (or equivalent) tinned terminals					
Absolute Maximum Ratings and Conditions						
Parameter	Symbol	Min	Typ.	Max	Units	Notes
Operating Temperature	T <sub>A</sub>	0		+60	°C	
Storage Temperature	T <sub>S</sub>	-65		+90	°C	
Power Handling		20			dBm	
Solderability	Per EIAJ-STD-002					

PASSBAND & STOPBAND SIMULATION PLOTS



PACKAGE OUTLINE



All Dimensions are in Inches

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
06/26/12	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.