

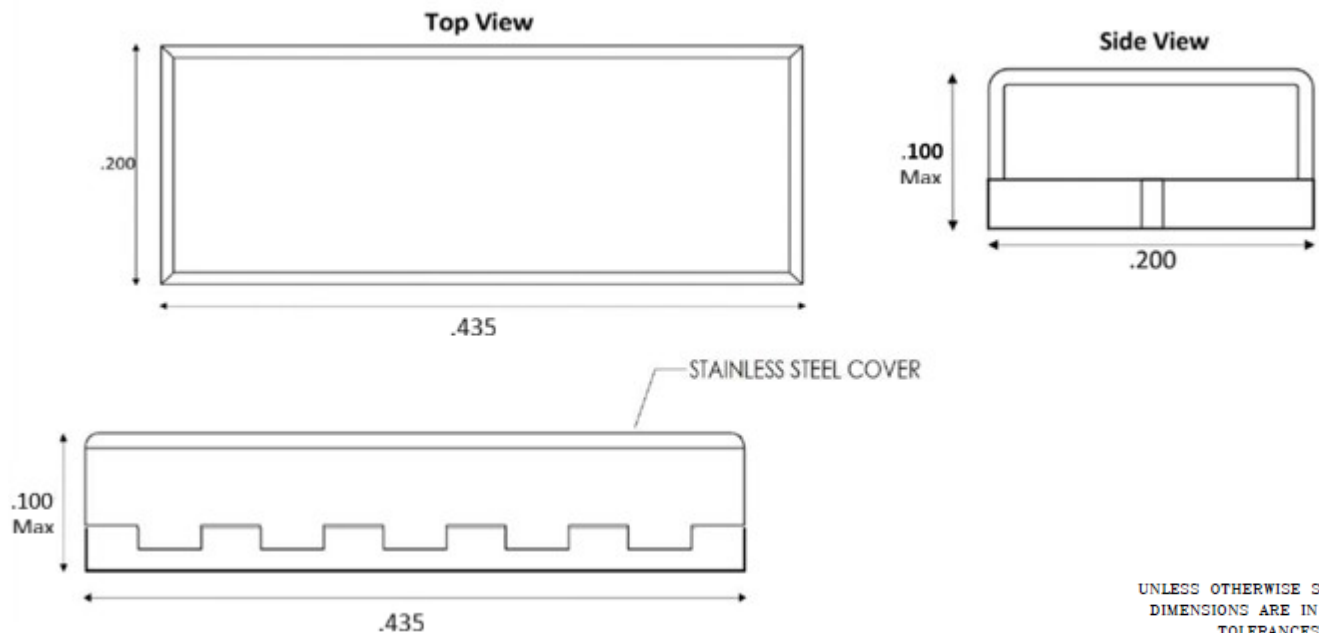
GENERAL ELECTRICAL REQUIREMENTS

Parameter	Symbol	Min.	Typ.	Max.	Units	Conditions
Center Frequency		9			GHz	@ +25°C
Passband Width		8.5		9.5	GHz	@ +25°C
In band Insertion Loss				2.0	dB	@ +25°C
In band Return loss		18			dB	@ +25°C
Rejection						
@ DC to 6GHz			-70		dB	@ +25°C
@ 11 to 18GHz			-60		dB	@ +25°C
Package						
Dimensions		0.435 x 0.2 x 0.1			inch	
Package Type		SMT, Stainless Steel cover, Gold Plated				

ENVIRONMENTAL CONDITIONS

Parameter	Symbol	Min.	Typ.	Max.	Units	Conditions
Operating Temperature	T _A	-40		+85	°C	
Power Handling				2	W	

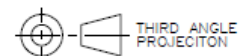
PACKAGE OUTLINE



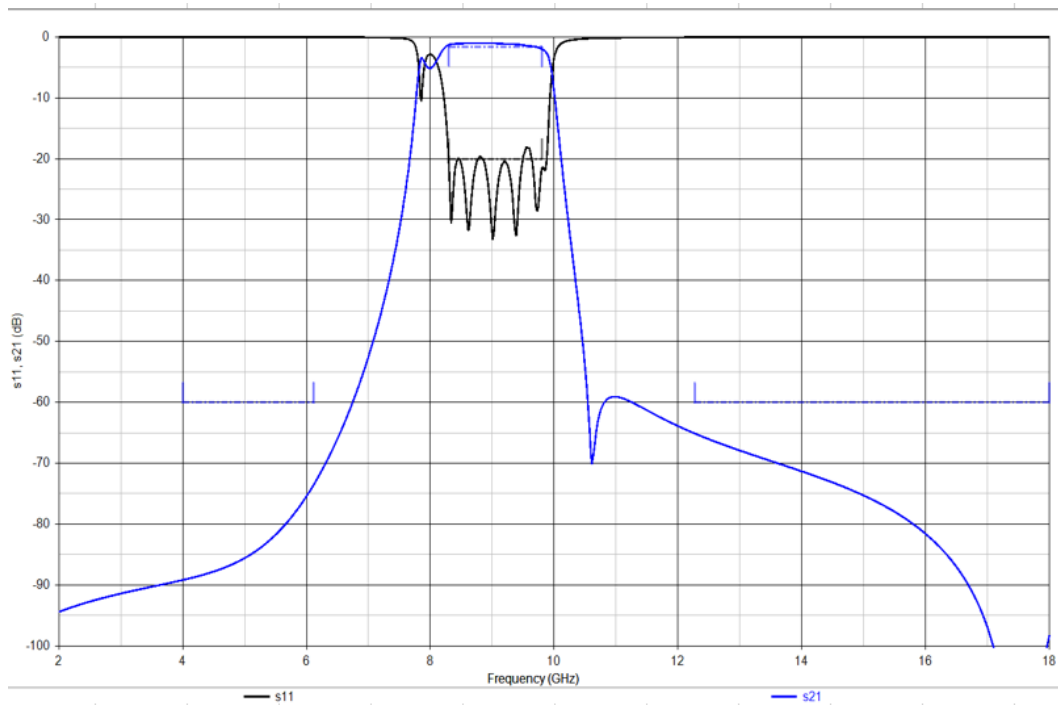
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES

DECIMALS	ANGULAR
.XX ± .02	±
.XXX ± .005	

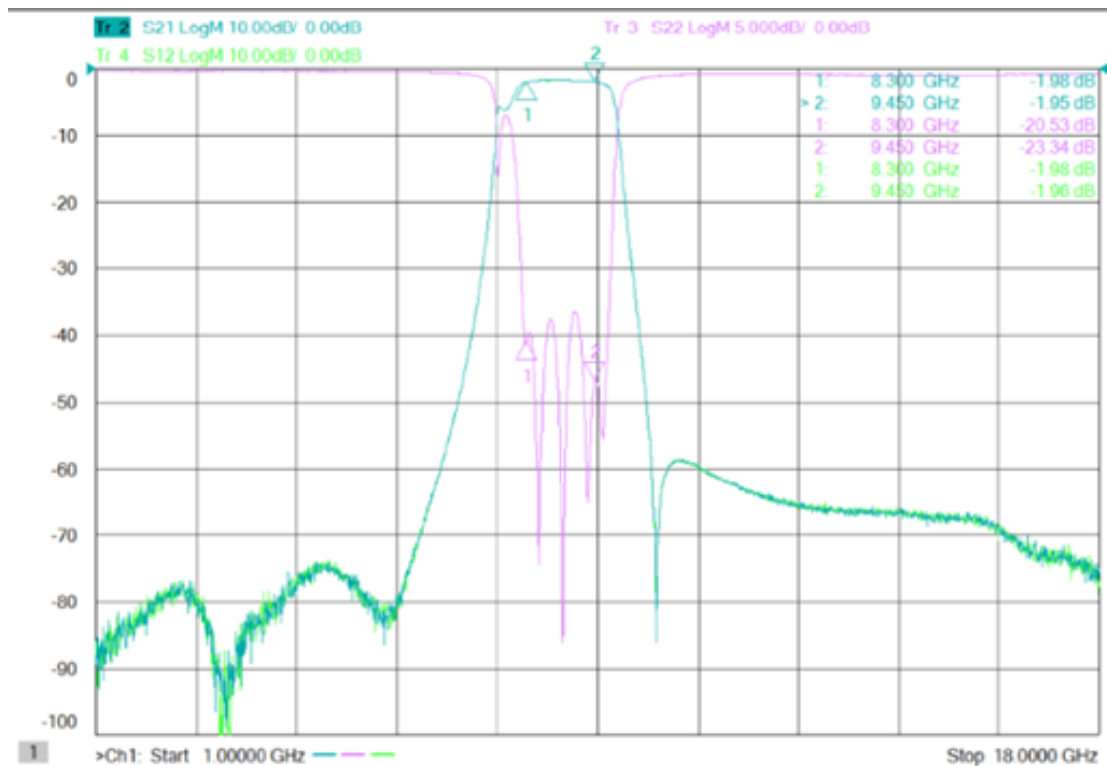
DO NOT SCALE DRAWING



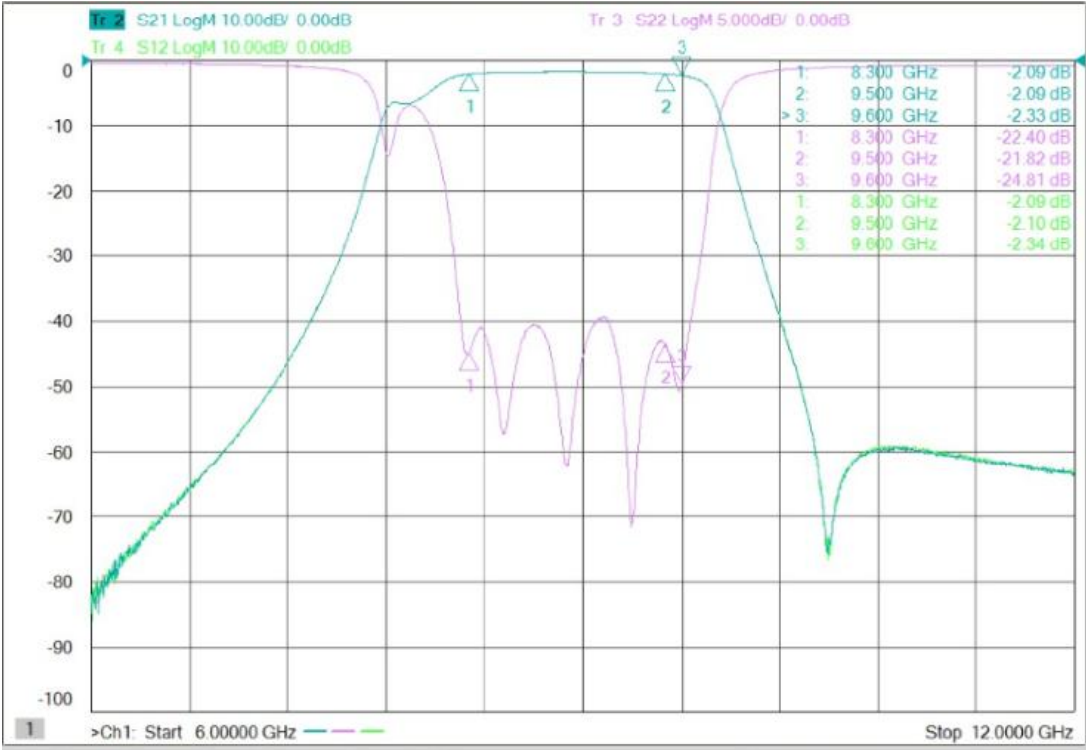
SIMULATED PLOT



MEASURED PLOT (REJECTION BAND)



MEASURED PLOT (PASSBAND)



Data Sheet Revision Table			
Date	Rev	Author	Details of Revision
11/04/25	C	AR	Updated Conditions to state room temperature
10/31/25	B	AR	Updated package dimensions, and changed to gold plated
01/26/24	A	AR	Original Release