

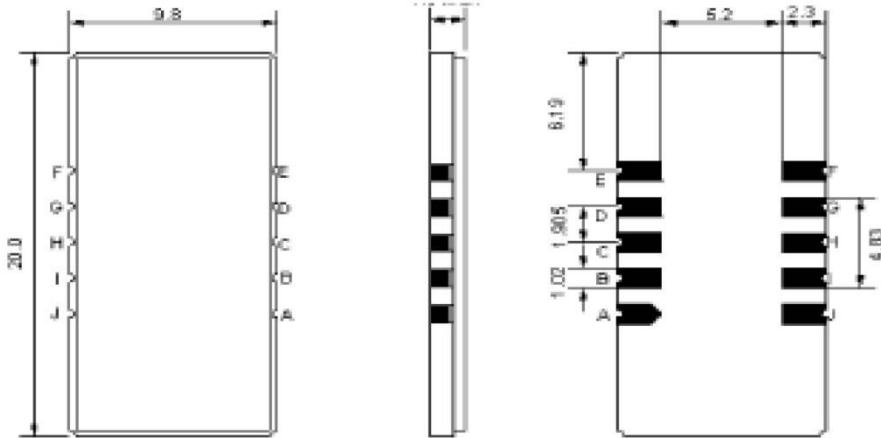


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	80.00	80.10
Insertion Loss at Fo	dB	-	17.5	20.0
Passband Ripple within Fo ± 9.5 MHz	dB	-	0.65	1.00
Group Delay Variation within Fo ± 9.5 MHz	nsec	-	60	150
Absolute Delay Time	usec	-	1.64	-
Bandwidth at -1.0 dB	MHz	19.80	20.00	-
Bandwidth at -3.0 dB	MHz	-	20.36	-
Bandwidth at -20.0 dB	MHz	-	21.65	-
Bandwidth at -40.0 dB	MHz	-	22.66	22.95
Ultimate Rejection	dB	-	45	-
Temperature Coefficient	ppm/°C	-	-86	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	0		+60
Storage Temperature Range	°C	-30	-	+80
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size and Type		20.0 x 9.8 x 1.8		D1

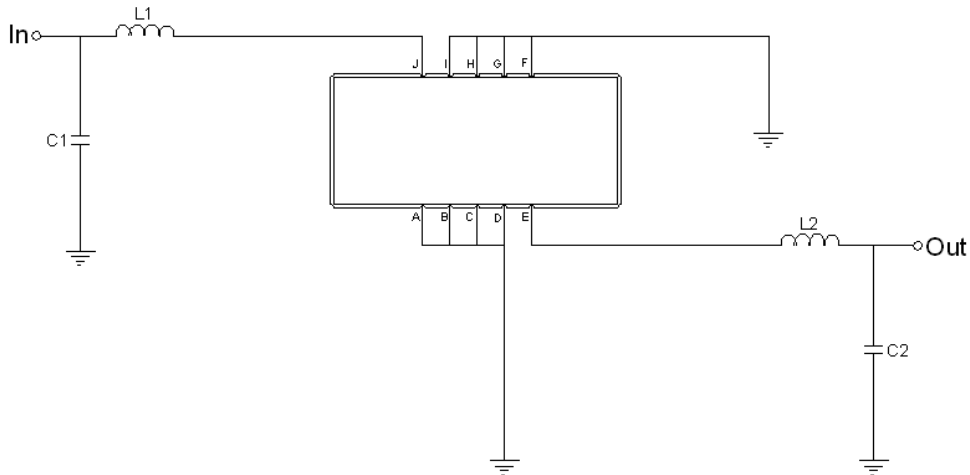


Outline Drawing:



Pin Description	
Ground	A B C D F G H I
Input	J
Output	E

Testing Environment:

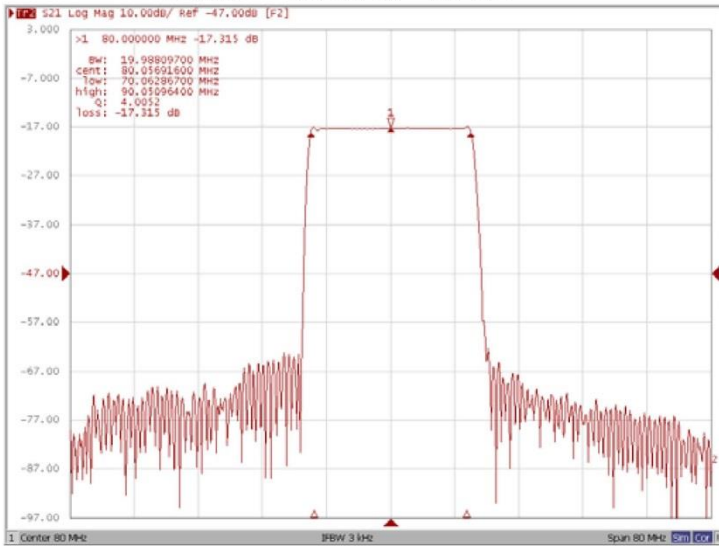


Test Fixture & Values		
Input	L1 = 56 nH	C1 = 77 pF
Output	L2 = 56 nH	C2 = 77 pF
Sour/Load Impedance	50 Ω	

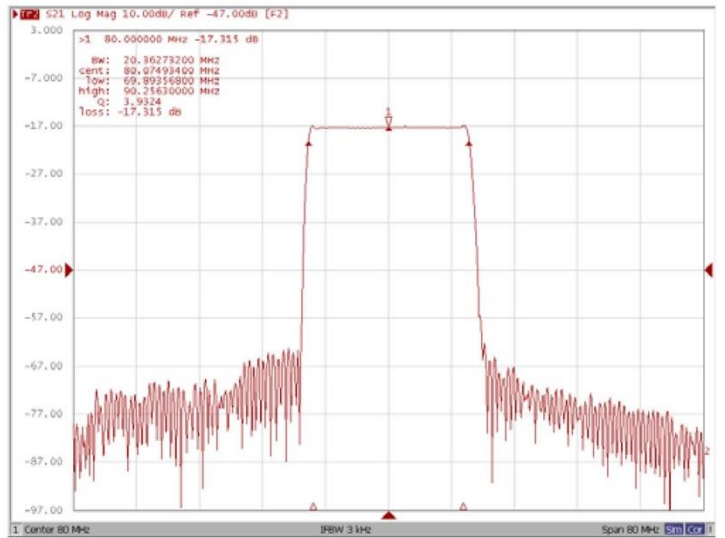


Frequency Response:

Band width at -1.0 dB



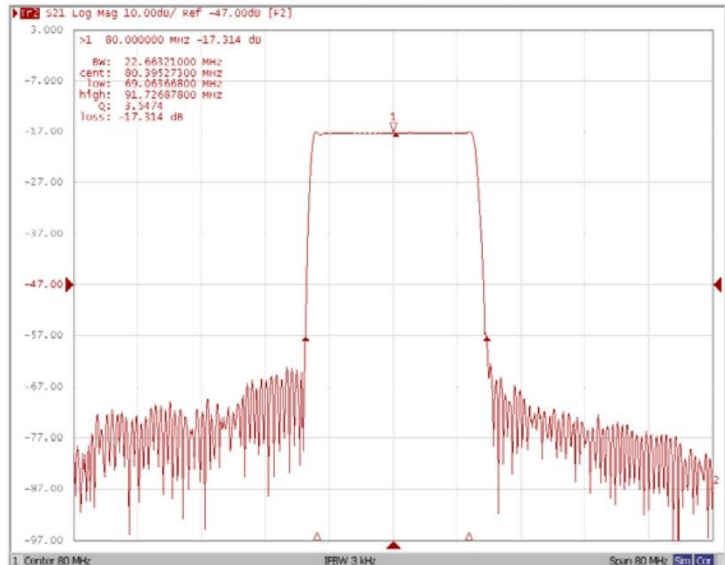
Band width at -3.0 dB



Band width at -20.0 dB



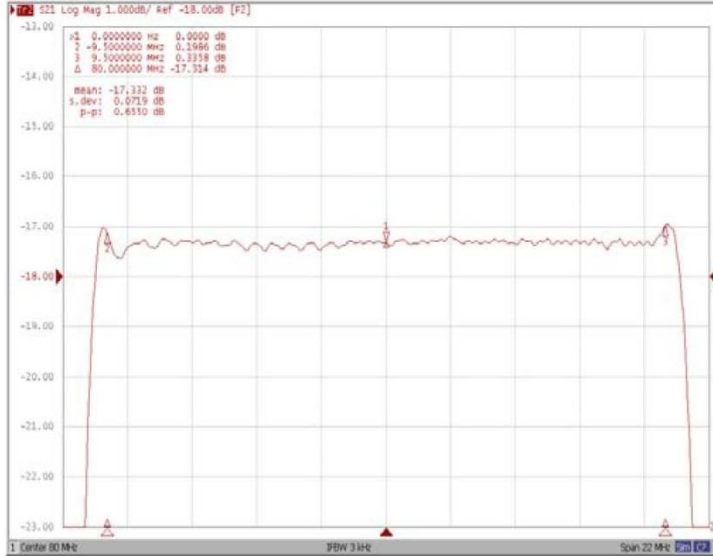
Band width at -40.0 dB



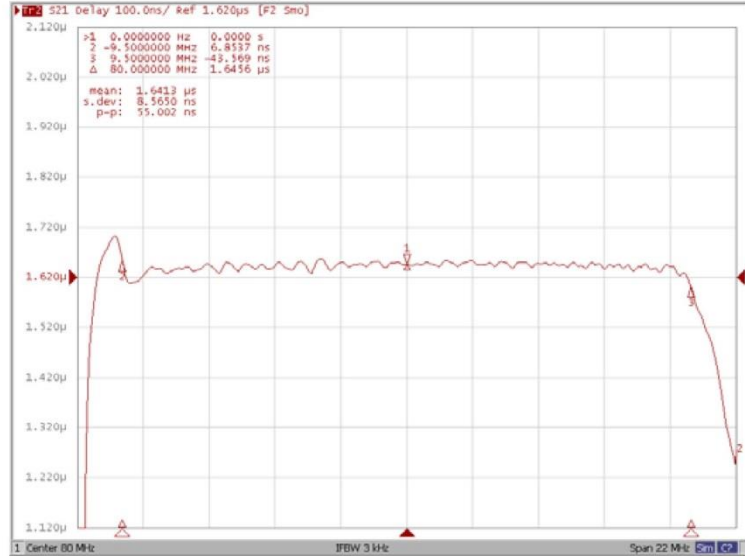


Frequency Response:

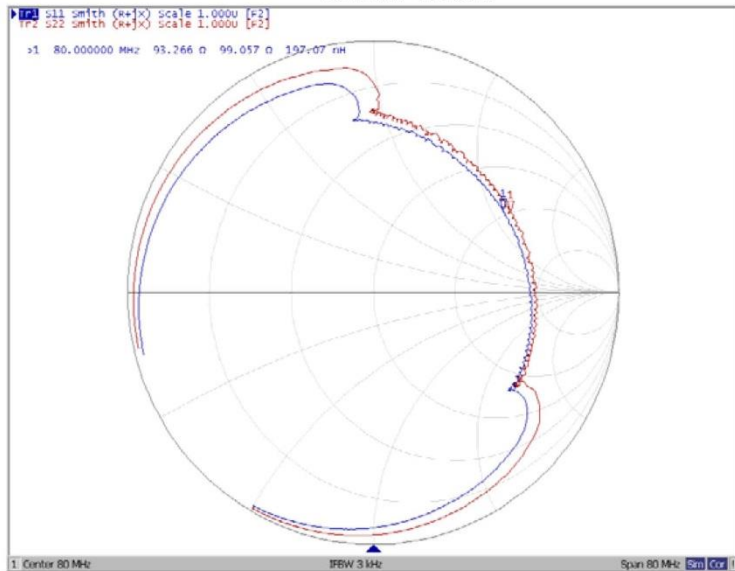
Ripple Variation Fo±9.5MHz



Group Delay Variation Fo±9.5MHz



Smith Chart



VSWR

