

Electrical Characteristics

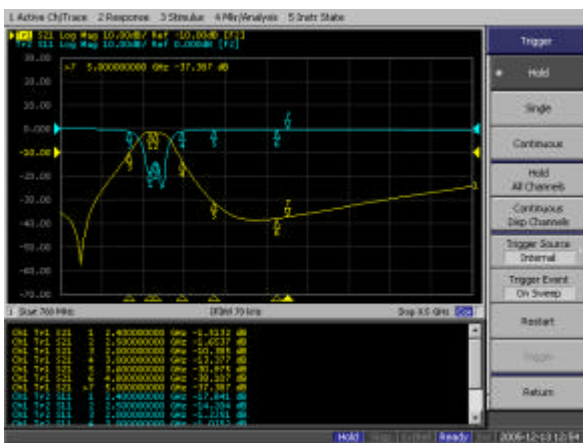
Part Number	Pass Band (GHz)	Impedance ()	VSWR	IL (dB)	Ripple (dB)	Attenuation
BPF2012T2450HA1	2.4~2.5	50	2	1.8	1	10dB Min @ 2000MHz 12dB Min @ 3000MHz 25dB Min @ 3500~3600MHz 30dB Min @ 4800~5000MHz
BPF2012T2450HA2	2.4~2.5	50	2	2.8	1	25dB Min @ 695~800MHz 20dB Min @ 1900MHz 35dB Min @ 3200MHz 35dB Min @ 4800~5000MHz 20dB Min @ 7200~7500MHz
BPF2012T2450HA3	2.4~2.5	50	2	1.5	1	30dB Min @ 880~960MHz 25dB Min @ 1710~1910MHz 20dB Min @ 1910~1990MHz 30dB Min @ 4800~5000MHz 20dB Min @ 7200~7500MHz
BPF2012T2450HA4	2.4~2.5	50	2	2.5	1	30dB Min @ 880~960MHz 22dB Min @ 1710~1990MHz 15dB Min @ 2110~2170MHz 27dB Min @ 4800~5000MHz 20dB Min @ 7200~7500MHz
BPF2012T2450HA5	2.4~2.5	50	2	2.8	1	20dB Min @ 1900MHz 27dB Min @ 3200MHz 35dB Min @ 4800~5000MHz 25dB Min @ 7200~7500MHz
BPF2012T2450HA6	2.4~2.5	50	2	2.5	1	32dB Min @ 880~960MHz 36dB Min @ 1710~1990MHz 27dB Min @ 4800~5000MHz 20dB Min @ 7200~7500MHz
BPF2012T2450HA7	2.4~2.5	50	2	2.8	1	35dB Min @ 880~960MHz 38dB Min @ 1710~1990MHz 17dB Min @ 2110~2170MHz 30dB Min @ 4800~5000MHz 30dB Min @ 7200~7500MHz
BPF2012T2450HA8	2.4~2.5	50	2	2.8	0.5	30dB Min @ 695~800MHz 24.5dB Min @ 1910MHz 35dB Min @ 3200MHz 25dB Min @ 4800~5000MHz 25dB Min @ 7200~7500MHz
BPF2012T2450HA9	2.4~2.5	50	2	2.8	0.5	30dB Min @ 695~800MHz 25dB Min @ 1910MHz 35dB Min @ 3200MHz 25dB Min @ 4800~5000MHz 25dB Min @ 7200~7500MHz
BPF2012T2450HAA	2.4~2.5	50	2	2.1	0.6	35dB Min @ 880~960MHz 35dB Min @ 1710~1990MHz 30dB Min @ 4800~5000MHz 30dB Min @ 7200~7500MHz
BPF2012T2450HAB	2.4~2.5	50	2	2.5	0.6	35dB Min @ 880~960MHz 40dB Min @ 1710~1990MHz 20dB Min @ 2110~2170MHz 30dB Min @ 4800~5000MHz 30dB Min @ 7200~7500MHz
BPF2012T3500HA1	3.3~3.9	50	2	2	0.5	15dB Min @ 100~2600MHz 3dB Min @ 4400~6000MHz 20dB Min @ 6000~9900MHz

Low Temperature Cofired Ceramic LTCC Series

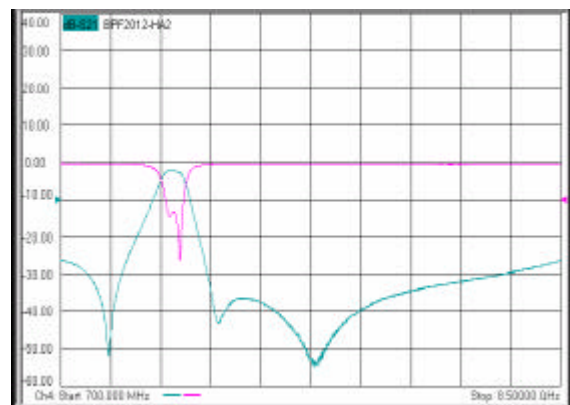
Part Number	Pass Band (GHz)	Impedance ()	VSWR	IL (dB)	Ripple (dB)	Attenuation
BPF2012T5500HA1	4.9~5.875	50	2	1.5	0.5	35dB Min @ 3500MHz 40dB Min @ 1280~3300MHz 28dB Min @ 3300~4000MHz
BPF2012T5500HA2	4.9~5.950	50	2	2	0.5	7dB Min @ 4375~4465MHz 11dB Min @ 7300~8930MHz 20dB Min @ 9800~11900MHz
BPF2012T5500HA3	5.15~5.875	50	2	3.0	2	35dB Min @ 4600MHz 35dB Min @ 4500MHz 35dB Min @ 4000MHz
BPF2012T5500HA4	4.9~5.85	50	2	2.2	2	30dB Min @ 340~1195MHz 15dB Min @ 2140~3580MHz 20dB Min @ 6855~7150MHz 20dB Min @ 8570~8930MHz

Test Instruments : Agilent E5071B/N5230A Vector Network Analyzer

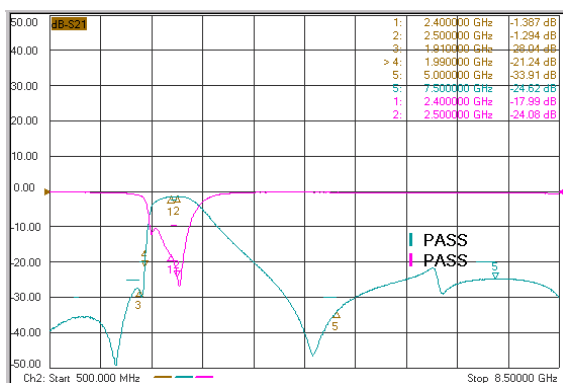
BPF2012T2450HA1



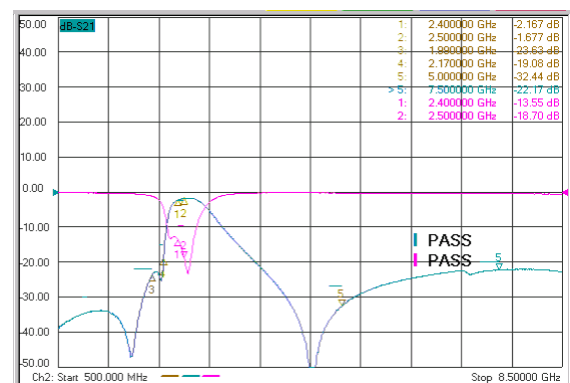
BPF2012T2450HA2



BPF2012T2450HA3

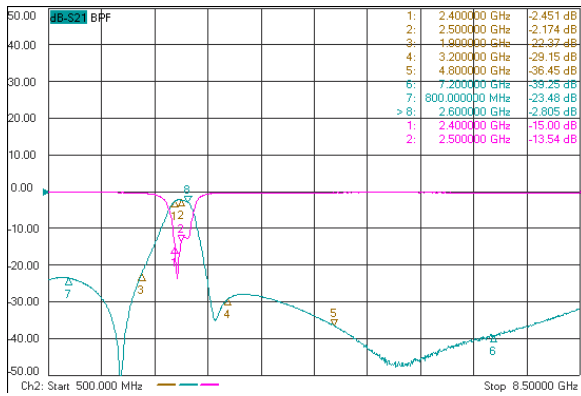


BPF2012T2450HA4

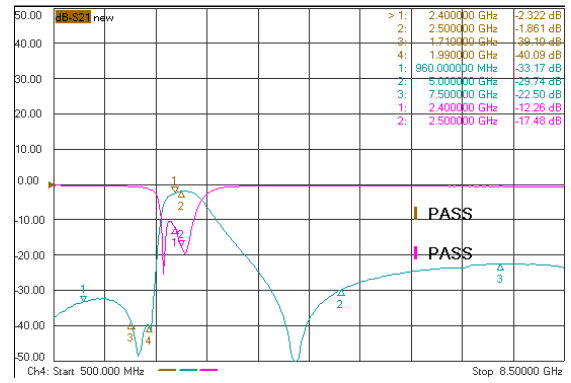


Low Temperature Cofired Ceramic LTCC Series

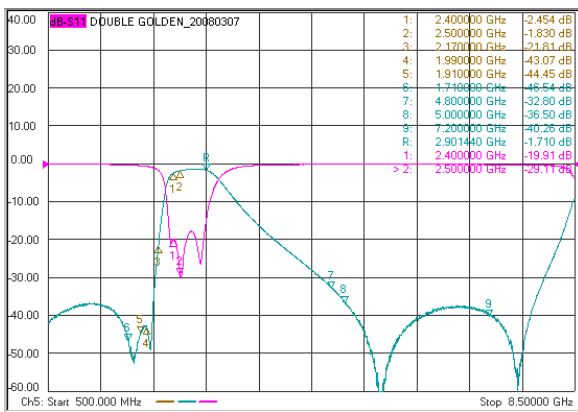
BPF2012T2450HA5



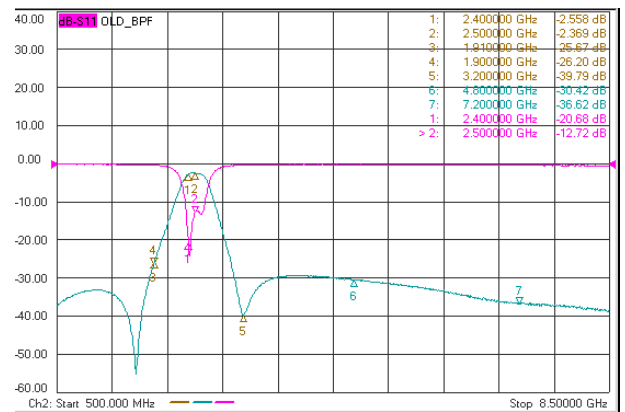
BPF2012T2450HA6



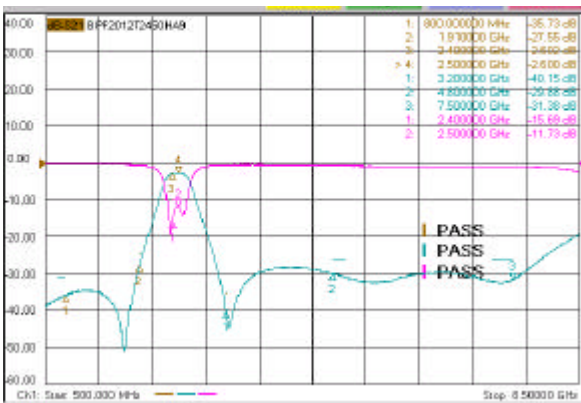
BPF2012T2450HA7



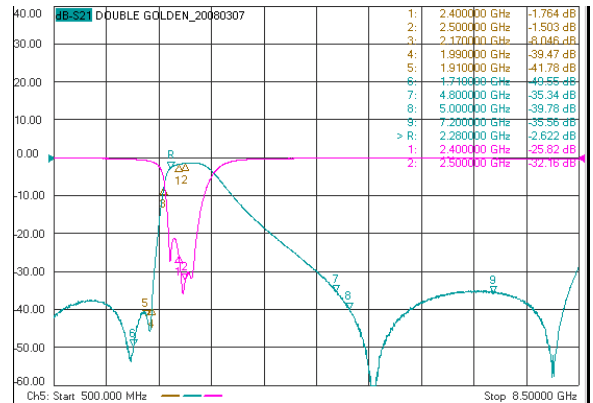
BPF2012T2450HA8



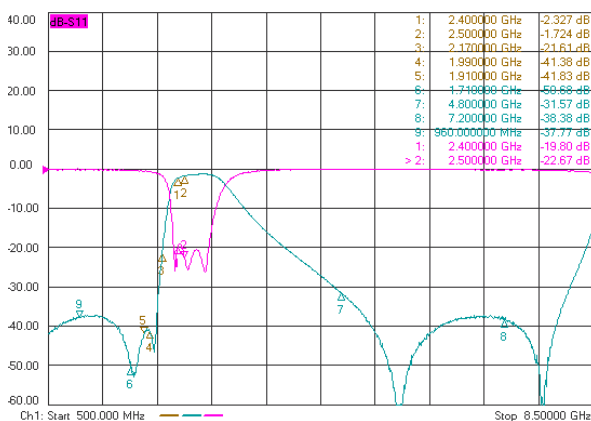
BPF2012T2450HA9



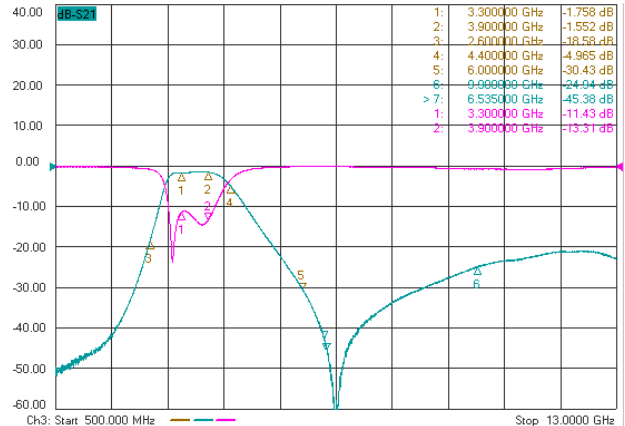
BPF2012T2450HAA



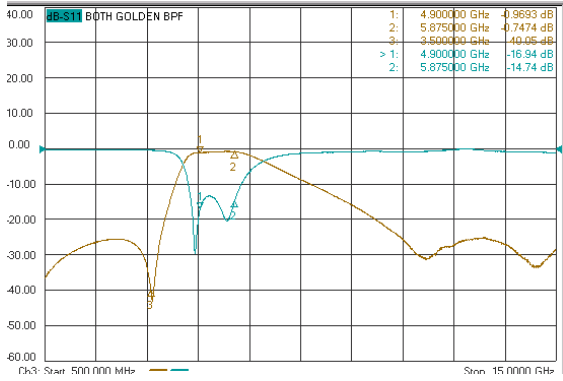
BPF2012T2450HAB



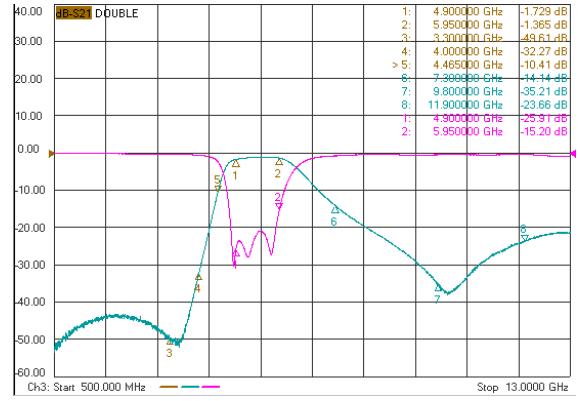
BPF2012T3500HA1



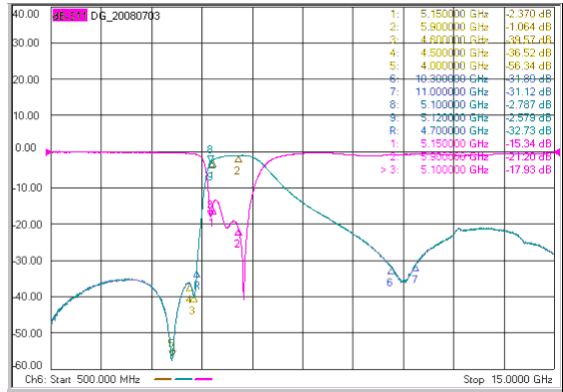
BPF2012T5500HA1



BPF2012T5500HA2



BPF2012T5500HA3



BPF2012T5500HA4

