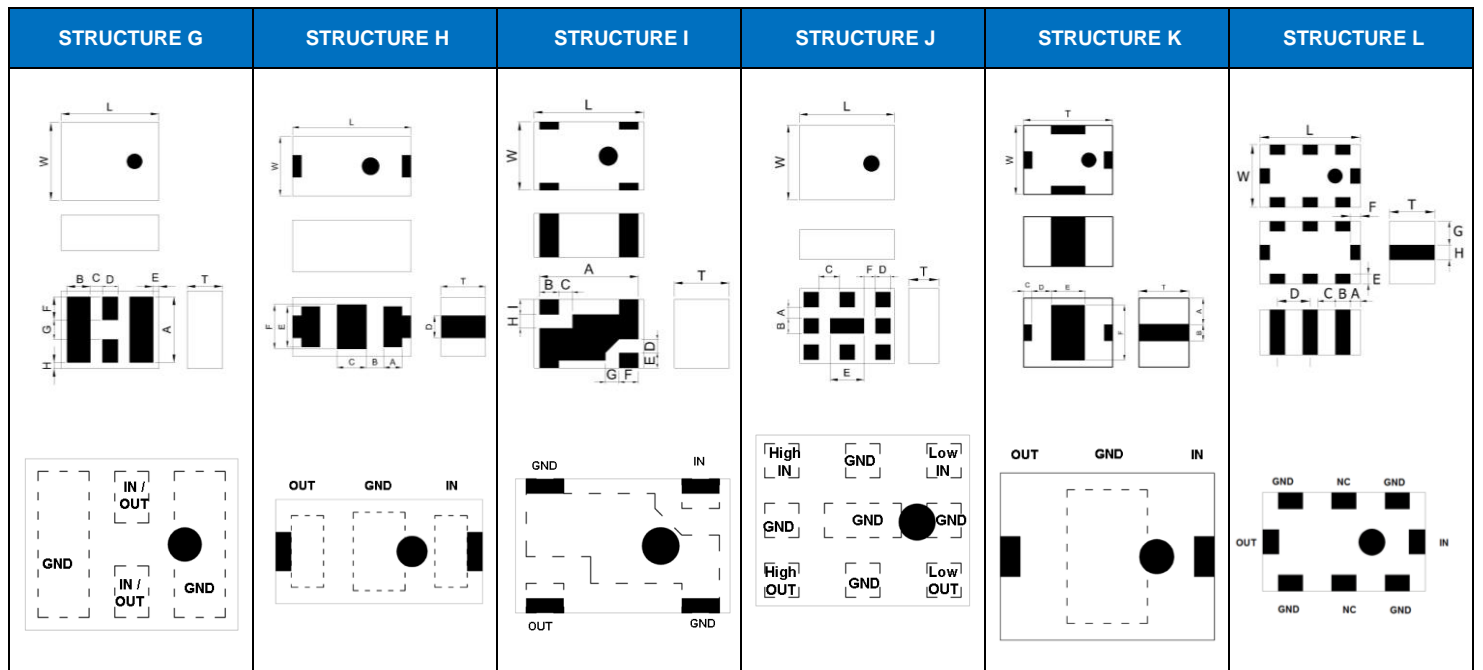
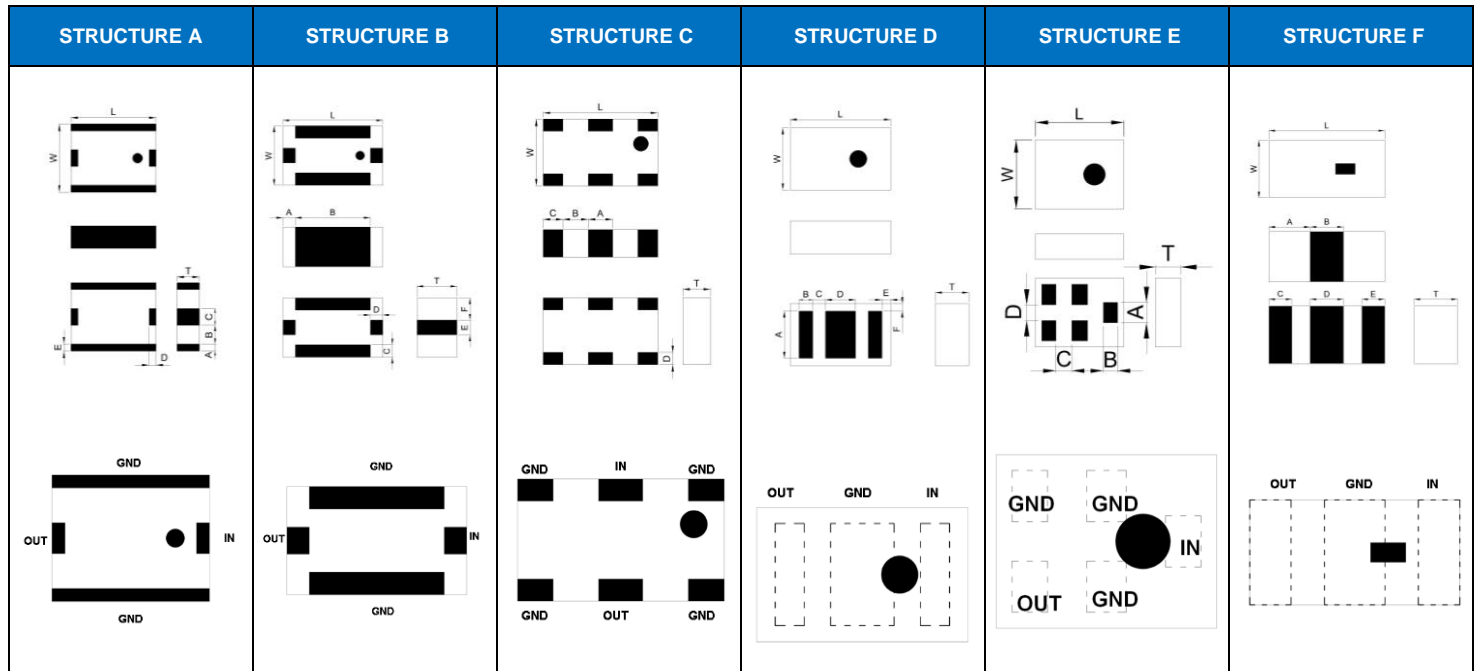


HIGH FREQUENCY MULTILAYER BAND PASS FILTER

■ STRUCTURE AND PIN ASSOCIATED



HIGH FREQUENCY MULTILAYER BAND PASS FILTER

■ STRUCTURE AND DIMENSION

Unit: mm

| Structure Dimension | L | W | T | A | B | C | D | E | F | G | H | I | |
|---------------------|-----------|-----------|-----------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|---|
| A | 2.50±0.20 | 2.00±0.20 | 0.70±0.10 | 0.20±0.20 | 0.55±0.20 | 0.50±0.20 | 0.25±0.20 | 0.20±0.20 | - | - | - | - | |
| | | | 0.90±0.10 | 0.20±0.20 | 0.55±0.20 | 0.50±0.20 | 0.20±0.20 | 0.20±0.20 | - | - | - | - | |
| | | | 1.00±0.10 | 0.20±0.20 | 0.55±0.20 | 0.50±0.20 | 0.25±0.20 | 0.20±0.20 | - | - | - | - | |
| | | | 1.05±0.10 | 0.25±0.20 | 0.50±0.20 | 0.50±0.20 | 0.25±0.20 | 0.25±0.20 | - | - | - | - | |
| | | | 1.20±0.10 | 0.25±0.20 | 0.50±0.20 | 0.50±0.20 | 0.25±0.20 | 0.25±0.20 | - | - | - | - | |
| | 3.20±0.20 | 2.50±0.10 | 1.50±0.10 | 0.20±0.20 | 0.75±0.20 | 0.60±0.20 | 0.20±0.15 | 0.40±0.20 | - | - | - | - | |
| B | 1.00±0.10 | 0.50±0.10 | 0.40±0.10 | 0.35±0.10 | 0.30±0.10 | 0.15±0.10 | 0.15±0.10 | 0.30±0.10 | - | - | - | - | |
| | 1.60±0.15 | 0.80±0.15 | 0.50±0.10 | 0.45±0.15 | 0.70±0.15 | 0.20±0.15 | 0.20±0.15 | 0.30±0.15 | 0.25±0.15 | - | - | - | |
| | | | 0.60±0.10 | 0.45±0.15 | 0.70±0.15 | 0.20±0.15 | 0.20±0.15 | 0.30±0.15 | 0.25±0.15 | - | - | - | |
| | | | 0.70±0.10 | 0.40±0.15 | 0.80±0.15 | 0.20±0.10 | 0.20±0.10 | 0.30±0.15 | 0.25±0.15 | - | - | - | |
| | | | 0.70±0.10 | 0.45±0.15 | 0.70±0.15 | 0.20±0.10 | 0.20±0.10 | 0.30±0.15 | 0.25±0.15 | - | - | - | |
| | 2.00±0.15 | 1.20±0.15 | 0.90±0.10 | 0.50±0.10 | 0.40±0.15 | 0.80±0.15 | 0.20±0.10 | 0.20±0.10 | 0.30±0.15 | 0.45±0.15 | - | - | - |
| | | | | 0.20±0.15 | 1.60±0.15 | 0.20±0.15 | 0.20±0.15 | 0.40±0.15 | 0.40±0.15 | - | - | - | |
| | | | | 0.20±0.15 | 1.60±0.15 | 0.25±0.15 | 0.25±0.15 | 0.30±0.15 | 0.45±0.15 | - | - | - | |
| | | | | 0.45±0.15 | 1.10±0.15 | 0.25±0.15 | 0.25±0.15 | 0.30±0.15 | 0.45±0.15 | - | - | - | |
| | | 1.25±0.15 | 0.90±0.10 | 0.60±0.10 | 0.50±0.15 | 1.00±0.15 | 0.25±0.15 | 0.25±0.15 | 0.30±0.15 | 0.475±0.15 | - | - | - |
| | | | | 0.80±0.10 | 0.50±0.15 | 1.00±0.15 | 0.25±0.15 | 0.25±0.15 | 0.30±0.15 | 0.475±0.15 | - | - | - |
| | | | | 0.90±0.10 | 0.50±0.15 | 1.00±0.15 | 0.25±0.15 | 0.25±0.15 | 0.30±0.15 | 0.475±0.15 | - | - | - |
| | | | | 0.35±0.15 | 1.30±0.15 | 0.20±0.15 | 0.20±0.15 | 0.30±0.15 | 0.475±0.15 | - | - | - | |
| | | | | 0.95±0.10 | 0.35±0.15 | 1.30±0.15 | 0.25±0.15 | 0.25±0.15 | 0.30±0.15 | 0.475±0.15 | - | - | - |
| 0.50±0.15 | | | | 1.00±0.15 | 0.25±0.15 | 0.25±0.15 | 0.30±0.15 | 0.475±0.15 | - | - | - | | |
| C | 2.00±0.15 | 1.20±0.20 | 0.55±0.10 | 0.40±0.20 | 0.40±0.20 | 0.40±0.20 | 0.20±0.10 | - | - | - | - | - | |
| | | | 0.60±0.10 | 0.40±0.20 | 0.40±0.20 | 0.40±0.20 | 0.20±0.10 | - | - | - | - | - | |
| | | | 0.80±0.10 | 0.40±0.20 | 0.40±0.20 | 0.40±0.20 | 0.20±0.10 | - | - | - | - | - | |
| D | 1.60±0.15 | 0.80±0.15 | 0.60±0.10 | 0.55±0.10 | 0.25±0.10 | 0.23±0.10 | 0.40±0.10 | 0.12±0.10 | 0.125±0.10 | - | - | - | |
| | 2.00±0.15 | 1.25±0.10 | 0.45±0.10 | 0.95±0.10 | 0.275±0.20 | 0.25±0.10 | 0.60±0.10 | 0.175±0.10 | 0.15±0.10 | - | - | - | |
| | | | 0.70 max | 0.95±0.10 | 0.275±0.10 | 0.25±0.10 | 0.60±0.10 | 0.175±0.10 | 0.15±0.10 | - | - | - | |
| E | 1.10±0.10 | 0.90±0.10 | 0.60±0.10 | 0.25±0.10 | 0.18±0.10 | 0.205±0.10 | 0.25±0.10 | - | - | - | - | - | |
| | 1.40±0.15 | 1.10±0.10 | 0.60±0.10 | 0.325±0.10 | 0.25±0.10 | 0.25±0.10 | 0.25±0.10 | - | - | - | - | - | |
| | 1.40±0.15 | 1.10±0.15 | 0.70±0.10 | 0.325±0.10 | 0.25±0.10 | 0.25±0.10 | 0.25±0.10 | - | - | - | - | - | |
| | 2.00±0.20 | 1.25±0.20 | 1.00 max. | 0.325±0.10 | 0.25±0.10 | 0.25±0.10 | 0.25±0.10 | - | - | - | - | - | |
| F | 1.60±0.15 | 0.80±0.15 | 0.40±0.10 | 0.55±0.15 | 0.50±0.15 | 0.35±0.15 | 0.50±0.15 | 0.20±0.15 | - | - | - | - | |
| | | | 0.60±0.10 | 0.55±0.15 | 0.50±0.15 | 0.35±0.15 | 0.50±0.15 | 0.20±0.15 | - | - | - | - | |
| G | 1.60±0.10 | 0.80±0.10 | 0.70 max. | 0.55±0.10 | 0.25±0.10 | 0.23±0.10 | 0.40±0.10 | 0.12±0.10 | 0.195±0.10 | 0.21±0.10 | 0.125±0.10 | - | |
| | 2.00±0.15 | 1.25±0.10 | 0.80±0.10 | 0.95±0.10 | 0.40±0.10 | 0.30±0.10 | 0.30±0.10 | 0.15±0.10 | 0.30±0.10 | 0.35±0.10 | 0.15±0.10 | - | |
| | | | 0.90±0.10 | 0.95±0.10 | 0.40±0.10 | 0.30±0.10 | 0.30±0.10 | 0.15±0.10 | 0.30±0.10 | 0.35±0.10 | 0.15±0.10 | - | |
| 2.50±0.20 | 2.00±0.20 | 0.90±0.10 | 1.70±0.20 | 0.60±0.20 | 0.30±0.20 | 0.40±0.20 | 0.15±0.10 | 0.60±0.10 | 0.50±0.10 | 0.15±0.10 | - | | |
| H | 1.60±0.15 | 0.80±0.10 | 0.60 max. | 0.25±0.10 | 0.23±0.05 | 0.40±0.10 | 0.30±0.10 | 0.55±0.10 | 0.60±0.10 | - | - | - | |
| I | 2.00±0.15 | 1.25±0.10 | 1.00 max. | 1.80±0.10 | 0.35±0.10 | 0.25±0.10 | 0.25±0.10 | 0.275±0.10 | 0.35±0.10 | 0.25±0.10 | 0.25±0.10 | 0.275±0.10 | |
| J | 2.50±0.15 | 2.00±0.15 | 0.90±0.10 | 0.30±0.10 | 0.40±0.10 | 0.55±0.10 | 0.40±0.10 | 0.90±0.10 | 0.30±0.10 | - | - | - | |
| K | 2.00±0.15 | 1.25±0.15 | 1.05±0.15 | 0.475±0.15 | 0.30±0.15 | 0.20±0.15 | 0.50±0.15 | 0.60±0.15 | 0.95±0.15 | - | - | - | |
| | 3.20±0.20 | 2.50±0.20 | 1.80±0.20 | 0.95±0.20 | 0.60±0.20 | 0.30±0.15 | 0.70±0.15 | 1.20±0.15 | 2.00±0.15 | - | - | - | |
| L | 2.00±0.15 | 1.25±0.10 | 1.05 max. | 0.20±0.10 | 0.35±0.10 | 0.30±0.10 | 0.65±0.10 | 0.20±0.10 | 0.20±0.10 | 0.475±0.10 | 0.30±0.10 | - | |

■ ELECTRICAL SPECIFICATION

2.4GHz BAND WORKING FREQUENCY

| Part Number | Frequency Range(GHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | STRUCTURE |
|--------------------|----------------------|---------------------------------------|--|-------------|---------------|-----------------|-----------|
| RBBPF1005040A1T | 2.4~2.5 | 2.5 | 25(824~960MHz) 20(1710~1910MHz) 20(4800~5000MHz) 15(7200~7500MHz) | 2.0 | 50 | 1.00x0.50x0.40 | B |
| RFBPF1005040A3T | 2.4~2.5 | 1.5max.(25°C) 1.7max.(-40~+85°C) | 13(824~915MHz) 5(1545~1605MHz) 34(4800~5000MHz) 27(7200~7500MHz) | 2.1 | 50 | 1.00x0.50x0.40 | B |
| RFBPF1109060A0T | 2.4~2.5 | 1.8 | 35(824~960MHz) 38(1545~1605MHz) 20(1710~1990MHz) 8(2110~2170MHz) 35(3600MHz) 35(4800~5000MHz) 35(7200~7500MHz) | 2.0 | 50 | 1.10x 0.90x0.60 | E |
| RFBPF1411060A1T | 2.4~2.5 | 1.8max.(25°C) 2.1max.(-40~+85°C) | 40(824~960MHz) 40(1545~1605MHz) 20(1710~1990MHz) 8(2110~2170MHz) 35(3600MHz) 35(4800~5000MHz) 35(7200~7500MHz) | 2.0 | 50 | 1.40x1.10x0.60 | E |
| RFBPF1411060A2T | 2.4~2.5 | 1.5 | 30(500~960MHz) 25(1500~1650MHz) 19(3200~3300MHz) 40(4800~5000MHz) 30(7200~7500MHz) | 2.0 | 50 | 1.40x1.10x0.60 | E |
| RBBPF1411060A3T | 2.4~2.5 | 1.1 | 20(50~960MHz) 10(1710~1990MHz) 9(3600MHz) 22(4800~7200MHz) | 2.0 | 50 | 1.40x1.10x0.60 | E |
| RBBPF1411060A8T | 2.4~2.5 | 1.0max.(25°C) 1.2max.(-40~+85°C) | 15(50~960MHz) 10(1710~1990MHz) 15(3600MHz) 25(4800~7200MHz) | 2.0 | 50 | 1.40x1.10x0.60 | E |
| RFBPF1608060AA7M1U | 2.4~2.5 | 0.95max.(25°C) 1.25max.(-40~+85°C) | 20(500~960MHz) 23(3200MHz) 30(4800~5000MHz) 32(7200~7500MHz) | 2.0 | 50 | 1.60x0.80x0.60 | H |
| RFBPF1608060ADT | 2.4~2.5 | 1.8max.(25°C) 2.1max.(-40~+85°C) | 25(800~1000MHz) 22.5(1200~1300MHz) 5.5(2000MHz) 10.5(3000MHz) 23.5(3600~3800MHz) 35(4800~5000MHz) 35(7200~7500MHz) | 2.0 | 50 | 1.60x0.80x0.60 | B |
| RFBPF1608060AET | 2.4~2.5 | 1.7max.(25°C) 2.0max.(-40~+85°C) | 25(880MHz) 20(3200MHz) 35(4800~5000MHz) 25(7200~7500MHz) | 2.0 | 50 | 1.60x0.80x0.60 | F |
| RFBPF1608070AFT | 2.4~2.5 | 2.4max.(25°C) 2.7max.(-40~+85°C) | 24.5(880~960MHz) 20(1710~1990MHz) 8.5(2170MHz) 15(4800~5000MHz) 20(7200~7500MHz) | 2.0 | 50 | 1.60x0.80x0.70 | B |
| RFBPF1608070AWT | 2.4~2.5 | 2.0max.(25°C) 2.2max.(-40~+85°C) | 30(960MHz) 25(1910MHz) 20(1990MHz) 25(4800MHz) 15(7200MHz) | 2.0 | 50 | 1.60x0.80x0.70 | B |
| RFBPF1608050A0T | 2.4~2.5 | 2.0max.(25°C) 2.2max.(-40~+85°C) | 20(960MHz) 20(1910MHz) 15(1990MHz) 18(4800MHz) 25(7200MHz) | 2.0 | 50 | 1.60x0.80x0.50 | B |
| RFBPF1608060A1T | 2.4~2.5 | 2.8 | 25(695~800MHz) 20(1910MHz) 35(3200MHz) 20(4800~5000MHz) 20(7200~7500MHz) | 2.0 | 50 | 1.60x0.80x0.60 | B |
| RFBPF1608060A7T | 2.4~2.5 | 3.0 | 25(695~800MHz) 20(1910MHz) 35(3200MHz) 20(4800~5000MHz) 20(7200~7500MHz) | 2.0 | 50 | 1.60x0.80x0.60 | B |
| RFBPF1608060A8T | 2.4~2.5 | 1.7 | 30(880~915MHz) 30(1710~1785MHz) 25(1850~1910MHz) 25(4800~5000MHz) 15(7200~7500MHz) | 2.0 | 50 | 1.60x0.80x0.60 | B |

HIGH FREQUENCY MULTILAYER BAND PASS FILTER

2.4GHz BAND WORKING FREQUENCY

| Part Number | Frequency Range(GHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | STRUCTURE |
|--------------------|----------------------|---------------------------------------|---|-------------|---------------|----------------|-----------|
| RFBPF1608070A3T | 2.4~2.5 | 1.8max.(25°C) 2.1max.(-40~+85°C) | 27(800~900MHz) 25(4800~5000MHz) 30(7200~7500MHz) | 2.0 | 50 | 1.60x0.80x0.70 | B |
| RFBPF2012080AM0T62 | 2.4~2.5 | 1.8max.(25°C) 2.0max.(-40~+85°C) | 30(860~960MHz) 30(1545~1605MHz) 35(1710~1990MHz) 30(2170MHz) 30(4800~5000MHz) | 2.0 | 50 | 2.00x1.20x0.80 | D |
| RFBPF2012080AC2T00 | 2.4~2.5 | 1.35max.(25°C) 1.55max.(-40~+85°C) | 30(804~828MHz) 20(1608~1656MHz) 30(3216~3312MHz) 40(4020~4140MHz) 20(4824~4968MHz) 20(5628~5796MHz) 20(6432~6624MHz) 35(7200~7500MHz) 20(7500~10000MHz) | 2.0 | 50 | 2.00x1.25x0.80 | G |
| RFBPF2012090AS1T35 | 2.4~2.5 | 0.9max.(25°C) 1.1max.(-40~+85°C) | 28(824~960MHz) 30(1570~1580MHz) 15(1710~1910MHz) 9.5(1910~1990MHz) 25(4800~5000MHz) 25(7200~7500MHz) | 2.0 | 50 | 2.00x1.25x0.90 | G |
| RFBPF2012060AAT | 2.4~2.5 | 1.5max.(25°C) 1.8max.(-40~+85°C) | 30(880~960MHz) 25(1710~1910MHz) 25(4800~5000MHz) 30(7200~7500MHz) | 2.0 | 50 | 2.00x1.20x0.60 | C |
| RFBPF2012040ABT | 2.4~2.5 | 2.5 | 30(824~849MHz) 30(880~915MHz) 30(1545~1605MHz) 30(1565~1585MHz) 35(1710~1785MHz) 40(1850~1910MHz) 32(1920~1980MHz) 7(3168~4752MHz) 11(3300~3800MHz) 35(4800~4967MHz) 26(5150~6000MHz) 23(7200~7450MHz) | 2.0 | 50 | 2.00x1.20x0.40 | D |
| RFBPF2012050ACT | 2.4~2.5 | 2.5 | 35(824~960MHz) 38(1710~1910MHz) 25(4880~5000MHz) 20(7200~7500MHz) | 2.0 | 50 | 2.00x1.20x0.55 | C |
| RFBPF2012080ADT | 2.4~2.5 | 1.5max.(25°C) 1.7max.(-40~+85°C) | 30(860~960MHz) 30(1545~1605MHz) 30(1710~1990MHz) 30(2170MHz) 30(4800~5000MHz) | 2.0 | 50 | 2.00x1.25x0.80 | D |
| RFBPF2012080AFT | 2.4~2.5 | 1.8max.(25°C) 2.0max.(-40~+85°C) | 30(824~915MHz) 30(1545~1605MHz) 35(1710~1990MHz) 30(2170MHz) 30(4800~4967MHz) 25(5150~6000MHz) 20(7200~7450.5MHz) | 2.0 | 50 | 2.00x1.25x0.80 | D |
| RFBPF2012080AGT | 2.4~2.5 | 1.8max.(typ.1.5) | 35(824~960MHz) 28(1545~1605MHz) 30(1710~1990MHz) 30(2170MHz) 6(3200MHz) 30(4800~4967MHz) 20(5150~6000MHz) 18(7200~7450MHz) | 2.0 | 50 | 2.00x1.25x0.80 | D |
| RFBPF2012040AHT | 2.4~2.5 | 2.5 | 25(746~764MHz) 30(824~849MHz) 26(869~960MHz) 28(1570~1580MHz) 28(1710~1785MHz) 30(1850~1910MHz) 30(1930~1990MHz) 30(2110~2170MHz) 15(3300~3800MHz) 35(4800~5000MHz) 20(7200~7450.5MHz) | 2.0 | 50 | 2.00x1.25x0.45 | D |
| RBBPF2012050AHT | 2.4~2.5 | 2.5max.(typ.2.2) | 25(746~764MHz) 30(824~849MHz) 26(869~960MHz) 28(1570~1580MHz) 28(1710~1785MHz) 30(1850~1910MHz) 30(1930~1990MHz) 25(2110~2170MHz) 15(3300~3800MHz) 35(4800~5000MHz) | 2.0 | 50 | 2.00x1.25x0.45 | D |

2.4GHz BAND WORKING FREQUENCY

| Part Number | Frequency Range(GHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | STRUCTURE |
|------------------|----------------------|--|--|-------------|---------------|----------------|-----------|
| RFBPF2012090ALT | 2.4~2.5 | 1.0max.(25°C) 1.2max.(-40~+85°C) | 28(824~960MHz) 28(1570~1580MHz) 23(1710~1910MHz) 17(1920~1990MHz) 25(4800~5000MHz) | 2.0 | 50 | 2.00x1.25x0.90 | G |
| RFBPF2012090AMT | 2.4~2.5 | 2.6 | 40(880~960MHz) 38(1710~1990MHz) 16(2170MHz) 30(4800~5000MHz) 30(7200~7500MHz) | 2.0 | 50 | 2.00x1.20x0.90 | B |
| RFBPF2012100ANT | 2.4~2.5 | 2.3max.(25°C) 2.6max.(-40~+85°C) | 40(699~960MHz) 40(1428~1448MHz) 40(1476~1607MHz) 40(1710~1785MHz) 33(1805~1880MHz) 30(1880~1915MHz) 30(1920~1990MHz) 22(2110~2170MHz) 25(4800~5000MHz) 35(7200~7500MHz) | 2.0 | 50 | 2.00x1.20x1.00 | I |
| RFBPF2012090AQT | 2.4~2.5 | 1.2 | 20(1600MHz) 25(3200MHz) 20(4800~5000MHz) | 2.0 | 50 | 2.00x1.20x0.90 | B |
| RFBPF2012090ART | 2.4~2.5 | 1.0 | 20(1600MHz) 25(3200MHz) | 2.0 | 50 | 2.00x1.20x0.90 | B |
| RFBPF2012100AVT | 2.4~2.5 | 1.5max.(25°C) 1.7max.(-40~+85°C) | 40(699~960MHz) 40(1428~1448MHz) 40(1476~1607MHz) 40(1710~1785MHz) 33(1805~1880MHz) 30(1880~1915MHz) 30(1920~1990MHz) 25(4800~5000MHz) 30(7200~7500MHz) | 2.0 | 50 | 2.00x1.20x1.00 | I |
| RBBPF2010A108Q1C | 2.4~2.5 | 1.3max.(25°C) 1.5max.(-40~+85°C) | 38(50~960MHz) 17(1710~1910MHz) 5(3200MHz) 30(4800~5000MHz) 25(7200~7500MHz) | 2.0 | 50 | 2.00x1.20x0.90 | E |
| RFBPF2009A12T | 2.4~2.5 | 1.0max.(25°C) 1.2max.(-40~+85°C) | 28(824~960MHz) 28(1570~1580MHz) 23(1710~1910MHz) 17(1920~1990MHz) 4(2100~2170MHz) 25(4800~5000MHz) 25(7200~7500MHz) | 2.0 | 50 | 2.00x1.25x0.90 | G |
| RBBPF2010A16T | 2.4~2.5 | 1.3max.(25°C) 1.5max.(-40~+85°C) | 38(50~960MHz) 17(1710~1990MHz) 20(3200MHz) 30(4800~5000MHz) 25(7200~7500MHz) | 2.0 | 50 | 2.00x1.25x1.00 | E |
| AMBPF2008A17T | 2.4~2.5 | 1.35max.(25°C) 1.65max.(-40~+125°C) | 30(804~828MHz) 20(1608~1656MHz) 30(3216~3312MHz) 38(4020~4140MHz) 20(4824~4968MHz) 20(5628~5796MHz) 20(6432~6624MHz) 35(7200~7500MHz) 20(7500~10000MHz) | 2.0 | 50 | 2.00x1.20x0.80 | G |
| RFBPF2012090A1T | 2.4~2.5 | 1.7max.(25°C) 1.9max.(-40~+85°C) | 30(900MHz) 20(1850MHz) 30(4800MHz) | 2.0 | 50 | 2.00x1.20x0.90 | B |
| RFBPF2012090A2T | 2.4~2.5 | 1.4max.(25°C) 1.6max.(-40~+85°C) | 30(824~960MHz) 30(1710~1910MHz) 20(1920~1990MHz) 6(2110~2170MHz) 20(4800~5000MHz) | 2.0 | 50 | 2.00x1.20x0.90 | B |
| RFBPF2012040A3T | 2.4~2.5 | 2.0max.(25°C) 2.2max.(-40~+85°C) | 25(746~764MHz) 30(824~849MHz) 26(869~960MHz) 28(1570~1580MHz) 28(1710~1785MHz) 30(1850~1910MHz) 30(1930~1990MHz) 25(2110~2170MHz) 15(3300~3800MHz) 35(4800~5000MHz) 20(7200~7450.5MHz) | 2.0 | 50 | 2.00x1.25x0.45 | D |

HIGH FREQUENCY MULTILAYER BAND PASS FILTER

2.4GHz BAND WORKING FREQUENCY

| Part Number | Frequency Range(GHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | STRUCTURE |
|-----------------|----------------------|-------------------------------------|---|-------------|---------------|----------------|-----------|
| RFBPF2012080A6T | 2.4~2.5 | 3.5 | 30(880~960MHz) 30(1710~1990MHz) 20(2110~2170MHz) 30(4800~5000MHz) 30(7200~7500MHz) | 2.0 | 50 | 2.00x1.20x0.80 | C |
| RFBPF2012100A6T | 2.4~2.5 | 1.0max.(25°C) 1.2max.(-40~+85°C) | 21(902~928MHz) 26(4800~5000MHz) 34(7200~7500MHz) 29(9600~10000MHz) | 2.0 | 50 | 2.00x1.20x1.00 | L |
| RFBPF2012080A7T | 2.4~2.5 | 2.8 (typ.2.5) | 40(DC~1600MHz) 35(1710MHz) 25(1900MHz) 12(2100MHz) 8(2170MHz) 30(3100MHz) 40(4800~5000MHz) 20(7200~7500MHz) | 2.0 | 50 | 2.00x1.20x0.80 | B |
| RFBPF2012060A9T | 2.4~2.5 | 2.8 | 30(960MHz) 30(1600MHz) 20(1990MHz) 35(3200MHz) 40(4800MHz) 25(7200MHz) | 2.0 | 50 | 2.00x1.20x0.60 | B |
| RFBPF2520090ACT | 2.4~2.5 | 2.1max.(25°C) 2.3max.(-40~+85°C) | 43(806~960MHz) 43(1570~1580MHz) 43(1710~1990MHz) 20(2110~2170MHz) 30(4800~5000MHz) 25(7200~7500MHz) | 2.0 | 50 | 2.50x2.00x0.90 | G |
| RFBPF2520070AMT | 2.4~2.5 | 2.0max.(25°C) 2.2max.(-40~+85°C) | 45(824~960MHz) 45(1570~1580MHz) 45(1710~1785MHz) 40(1805~1850MHz) 35(1850~1910MHz) 35(1920~1990MHz) 25(2110~2170MHz) 5(2750~3000MHz) 15(3000~4800MHz) 30(4800~5000MHz) 30(5150~5850MHz) 20(7200~7500MHz) | 2.0 | 50 | 2.50x2.00x0.70 | A |
| RFBPF2520080AUT | 2.4~2.5 | 2.2 | 30(900MHz) 30(1850MHz) 33(2170MHz) 35(4800MHz) 25(7200MHz) | 2.0 | 50 | 2.50x2.00x0.70 | A |
| RFBPF2520120A1T | 2.4~2.5 | 1.7 | 30(900MHz) 30(1850MHz) 20(2100MHz) 40(4800MHz) 25(7200MHz) | 2.0 | 50 | 2.50x2.00x1.20 | A |
| RFBPF2520120A2T | 2.4~2.5 | 2.1 | 30(900MHz) 30(1850MHz) 30(4800MHz) | 2.0 | 50 | 2.50x2.00x1.20 | A |
| RFBPF2520120A3T | 2.4~2.5 | ≤1.2(25°C) | 30(900MHz) 30(1850MHz) 25(4800MHz) | 2.0 | 50 | 2.50x2.00x1.20 | A |
| RFBPF2520120A4T | 2.4~2.5 | ≤1.7(25°C) | 30(900MHz) 30(1850MHz) 25(4800MHz) | 2.0 | 50 | 2.50x2.00x1.20 | A |
| RFBPF2520100A6T | 2.4~2.5 | 1.4 | 35(1900/4800 MHz) | 2.0 | 50 | 2.50x2.00x1.00 | A |
| RFBPF3225150A3T | 2.4~2.5 | 2.5 | 40(1500MHz) 30(2100MHz) 30(4800MHz) | 1.7 | - | 3.20x2.50x1.50 | A |
| RFBPF3225150A4T | 2.4~2.5 | 2.0 | 30(900MHz) 30(1850MHz) 20(2100MHz) 30(4800MHz) | 2.0 | 50 | 3.20x2.50x1.50 | A |
| RFBPF3225150A5T | 2.4~2.5 | 1.8 | 30(900MHz) 30(1850MHz) 20(2100MHz) 30(4800MHz) | 2.0 | 50 | 3.20x2.50x1.50 | A |

5GHz BAND WORKING FREQUENCY

| Part Number | Frequency Range(GHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | STRUCTURE |
|--------------------|----------------------|--|---|-------------|---------------|----------------|-----------|
| RFBPF1608060K2T | 4.9~5.84 | 1.5max.(25°C) 1.7max.(-40~+85°C) | 33(100~2170MHz) 29(2170~2500MHz) 32(9800~12000MHz) | 2.0 | 50 | 1.60x0.80x0.70 | B |
| RFBPF1608060K68Q1C | 4.9~5.9 | 1.3max.(25°C) 1.5max.(-40~+85°C) | 38(30~2700MHz) 16(3453~3547MHz) 33(3667~3883MHz) 9(6900~7093MHz) 32(7333~7750MHz) 40(10600~11650MHz) 18(15540~17760MHz) | 2.0 | 50 | 1.60x0.80x0.60 | D |
| RFBPF1608060K78Q1C | 5.15~5.95 | 0.8max.(25°C) 1.0max.(-40~+85°C) | 40(30~2700MHz) 45(3400~3800MHz) 20(7250~7800MHz) 20(10300~11700MHz) | 1.5 | 50 | 1.60x0.80x0.60 | D |
| RFBPF1608060K88Q1C | 5.15~5.95 | 0.7max.(25°C) 0.85max.(-40~+85°C) | 35(30~2700MHz) 30(3400~3800MHz) 12(7250~7800MHz) 20(10300~11700MHz) | 1.5 | 50 | 1.60x0.80x0.60 | D |
| RFBPF1608060KG8D1T | 5.15~5.95 | 0.8 | 40(30~2700MHz) 45(3400~3800MHz) 20(6900MHz) 20(7250~7800MHz) 20(10300~11700MHz) | 1.67 | 50 | 1.60x0.80x0.60 | D |
| RFBPF2012100KST | 4.9~5.9 | 1.5(4.90GHz) 1.5(5.25GHz) 1.5(5.85GHz) | 30(3450MHz) 20(11000MHz) | 2.0 | 50 | 2.00x1.20x1.00 | B |
| RFBPF2012100K0T | 4.9~5.9 | 1.7(4.90GHz) 1.5(5.25GHz) 1.5(5.85GHz) | 30(3450MHz) 20(11000MHz) | 2.0 | 50 | 2.00x1.20x1.00 | B |
| RFBPF2012090K5T | 4.9~5.85 | 2.2max.(25°C) 2.5max.(-40~+85°C) | 35(340~1195MHz) 19(2140~3580MHz) 25(6855~7150MHz) 20(8570~8930MHz) | 2.0 | 50 | 2.00x1.20x0.90 | B |
| RFBPF2012100K3T | 4.9~5.85 | 1.8max.(25°C) 2.1max.(-40~+85°C) | 30(500MHz) 35(3450MHz) 30(4000MHz) 20(4200MHz) 15(9800MHz) 15(11700MHz) | 2.0 | 50 | 2.00x1.20x0.95 | B |
| RFBPF2012100K6T | 5.15~5.85 | 1.6max.(25°C) 1.8max.(-40~+85°C) | 30(500MHz) 40(2000MHz) 35(3450MHz) 30(4000MHz) 20(4200MHz) | 2.0 | 50 | 2.00x1.20x0.95 | B |
| RFBPF2012090K9T | 5.725~5.85 | 2.0 | 30(500MHz) 30(4000MHz) 20(4200MHz) 32(5000MHz) 15(9800MHz) 15(11750MHz) | 2.0 | 50 | 2.00x1.20x0.95 | B |
| RFBPF2520090K1T | 4.9~5.85 | 1.2max.(25°C) 1.5max.(-40~+85°C) | 50(824~1910MHz) 15(9880~11700MHz) | 2.0 | 50 | 2.50x2.00x0.90 | A |
| KFBPF25204G7W09S5K | 4.4~4.94 | 3.5 | 50(1000MHz) 35(2500MHz) 20(3500MHz) 7(4250MHz) 15(5150MHz) 20(57500MHz) | 2.0 | 50 | 2.50x2.00x0.80 | A |

WIMAX BAND WORKING FREQUENCY

| Part Number | Frequency Range(GHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | STRUCTURE |
|-----------------|----------------------|---------------------|--|-------------|---------------|----------------|-----------|
| RFBPF16082G3W0T | 2.3~2.39 | 2.0 | 29(880~915MHz) 29(1710~1785MHz) 21(1850~1910MHz) 15(1920~1980MHz) 18(4600~4780MHz) 23(6900~7170MHz) | 2.0 | 50 | 1.60x0.80x0.70 | B |

HIGH FREQUENCY MULTILAYER BAND PASS FILTER

1558 ~ 1606 MHz GNSS Band Applications

| Part Number | Frequency Range (MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | STRUCTURE |
|-----------------|-----------------------|-------------------------------------|--|-------------|---------------|----------------|-----------|
| RFBPF1109060E0T | 1550~1610 | 1.9max. | 25(960MHz) 8(1850MHz) 15(1990MHz) 20(2170MHz) 35(2400~2500MHz) 35(3400~3800MHz) | 2.0 | 50 | 1.10x0.90x0.60 | E |
| RFBPF1411070E0T | 1558~1606 | 1.8max.(25°C) 2.0max.(-40~+85°C) | 30(824~849MHz) 30(880~915MHz) 10(1880~1910MHz) 22(1920~1980MHz) 30(2400MHz) | 2.0 | 50 | 1.40x1.10x0.70 | E |

860~960MHz/1805~2025 MHz Band Application

| Part Number | Frequency Range (MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | STRUCTURE |
|--------------------|-----------------------|--------------------------------------|---|-------------|---------------|----------------|-----------|
| RFBPF2520090B08Q1C | 869~960 | 0.7max.(25°C) 0.75max.(-40~+85°C) | 25(430~490MHz) 10(1700~1900MHz) 20(2400~2500MHz) 20(4905~5845MHz) | 1.9 | 50 | 2.50x2.00x0.90 | J |
| | 1805~2025 | 1.1max.(25°C) 1.2max.(-40~+85°C) | 25(900~1015MHz) 15(2400~2500MHz) 15(3610~3980MHz) 20(4905~5845MHz) | 2.0 | | | |

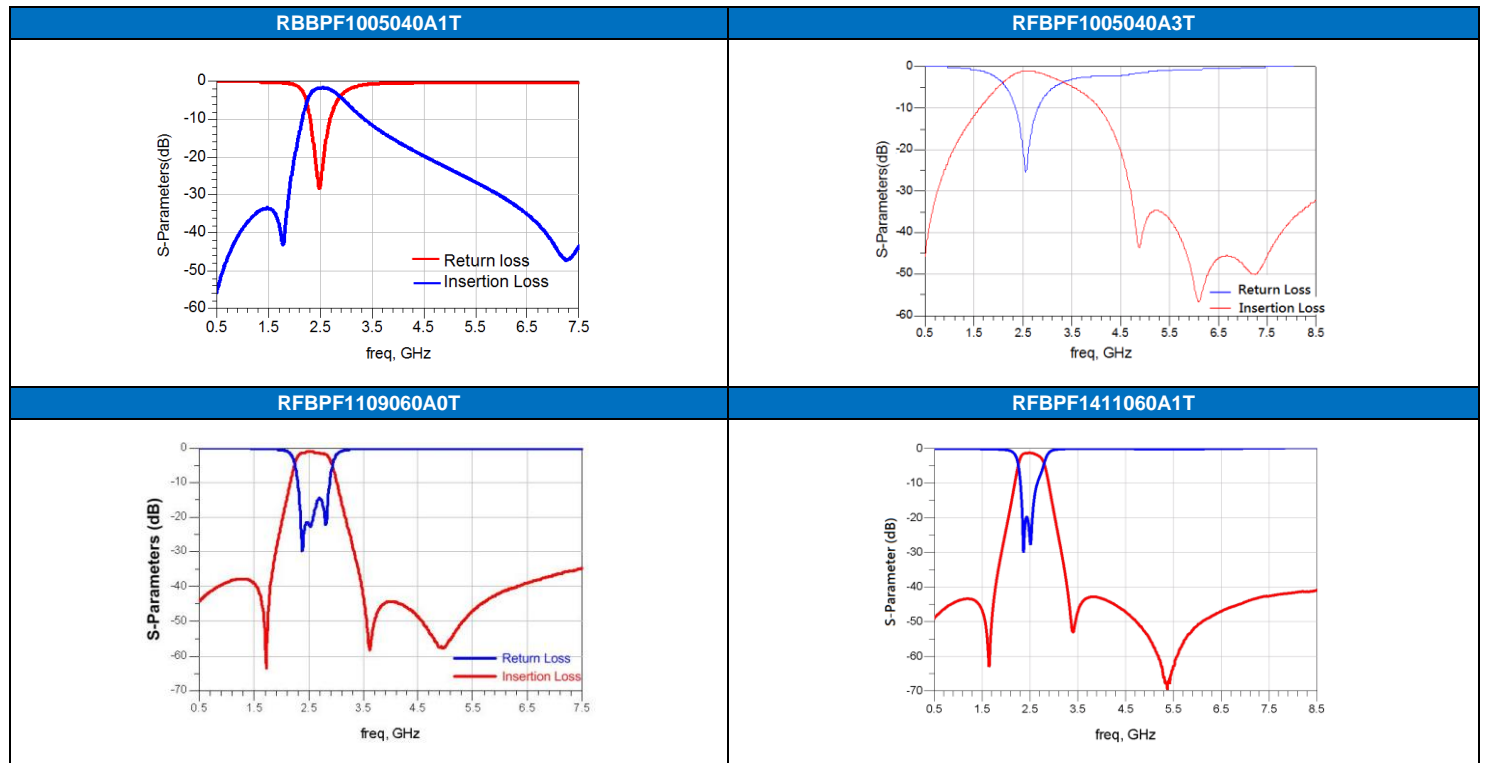
MoCA / Dcocsis Application

| Part Number | Frequency Range(MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | STRUCTURE |
|--------------------|----------------------|-------------------------------------|--|-------------|---------------|----------------|-----------|
| RFBPF3225180Y1T | 975~1025 | 3.0 | 30(54~870MHz) 30(1125~1675MHz) 30(2300MHz) | 2.0 | 75 | 3.20x2.50x1.80 | K |
| RFBPF3225200Y07B1U | 475~675 | 2.5max.(25°C) 2.7max.(-40~+85°C) | 60(2.5MHz) 40(2.5~100MHz) 35(100~200MHz) 35(200~300MHz) 8(300~400MHz) 57(950MHz) 47(950~2025MHz) 41(2025~2500MHz) 35(2500~3000MHz) | 2.0 | 75 | 3.20x2.50x1.80 | K |
| RBBPF3225180Y27B1U | 400~700 | 2.0 | 42(1~200MHz) 30(950~2150MHz) 35(2150~3000MHz) 27(3000~5900MHz) | 2.0 | 50 | 3.20x2.50x1.80 | K |
| KFBPF2012100C67B1U | 1125~1675 | 2.5 | 35(1~900MHz) 20(900~1002MHz) 35(2000~2500MHz) 20(2500~5900MHz) | 2.0 | 50 | 2.00x1.25x1.05 | K |
| RFBPF3225180C07B1U | 1125~1675 | 1.8max.(25°C) 2.0max.(-40~+85°C) | 30(5~864MHz) 34(864~1002MHz) 32(2300~3000MHz) | 2.0 | 75 | 3.20x2.50x1.80 | K |
| RBBPF3225180C67B1U | 1125~1675 | 2.0 | 40(1~900MHz) 25(900~1002MHz) 35(2000~2500MHz) 27(2500~5900MHz) | 2.0 | 50 | 3.20x2.50x1.80 | K |
| RBBPF3225180C77B1U | 1125~1225 | 2.0 | 33(1~900MHz) 25(900~1002MHz) 25(1350~1675MHz) 35(2000~2500MHz) 27(2500~5900MHz) | 2.0 | 50 | 3.20x2.50x1.80 | K |

LTE Band Application

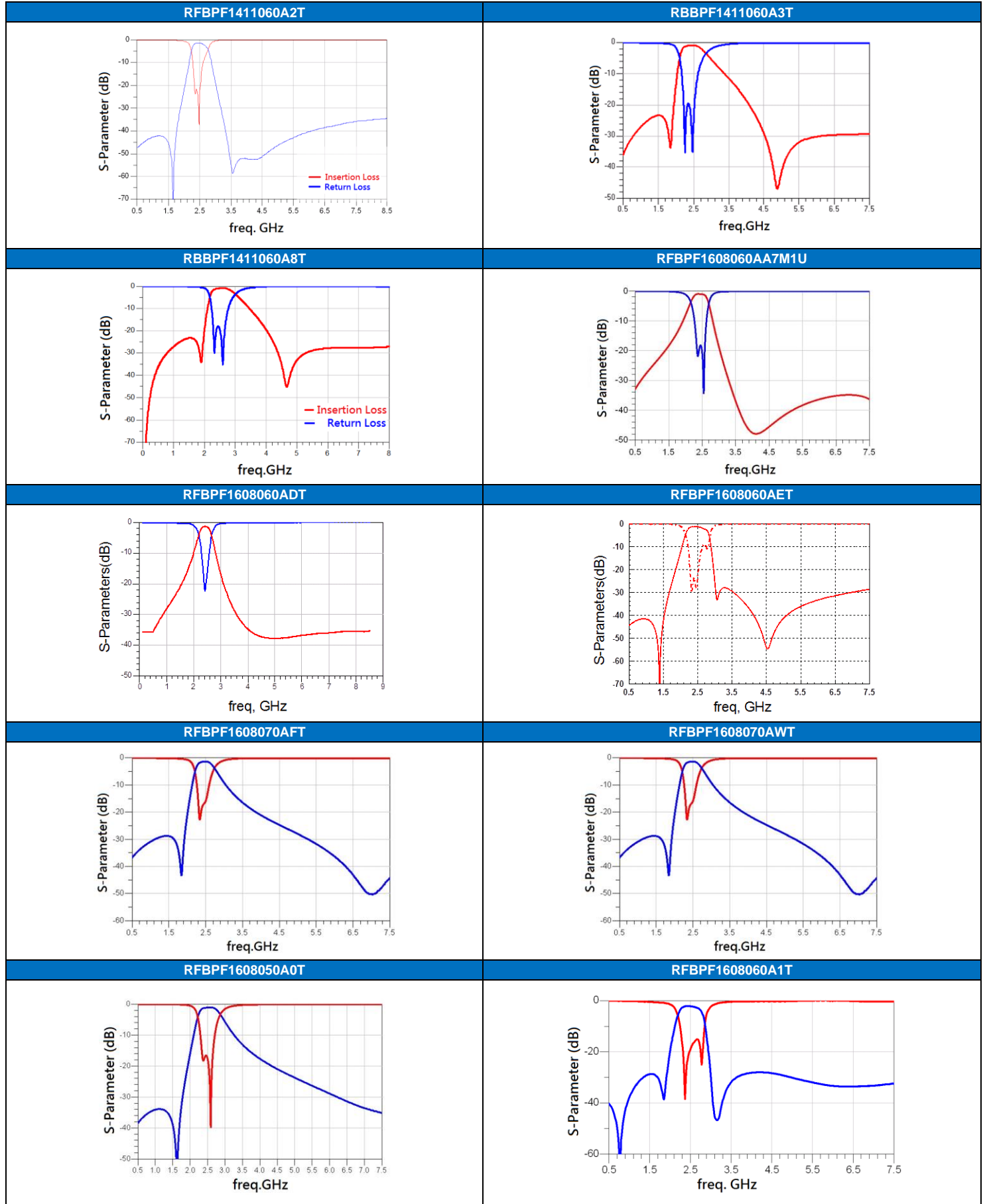
| Part Number | Frequency Range(MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | STRUCTURE |
|--------------------|----------------------|-------------------------------------|--|-------------|------------------------|----------------|-----------|
| RFBPF1109B101T | 2110~2170 | 1.7 | 25(4280MHz) | 2 | 50 | 1.10x0.90x0.60 | E |
| RFBPF1109B201T | 1930~1990 | 1.7 | 25(3920MHz) | 2 | 50 | 1.10x0.90x0.60 | E |
| RFBPF1109B301T | 1805~1880 | 1.4 | 25(3685MHz) | 2 | 50 | 1.10x0.90x0.60 | E |
| RFBPF1109B501T | 869~894 | 0.9 | 12(1763MHz) | 2 | 50 | 1.10x0.90x0.60 | E |
| RFBPF1109B701T | 2620~2690 | 1.2 | 25(5310MHz) | 2 | 50 | 1.10x0.90x0.60 | E |
| RFBPF1109B801T | 925~960 | 0.9 | 12(1885MHz) | 2 | 50 | 1.10x0.90x0.60 | E |
| RFBPF16081G9DM1T79 | 1805~2025 | 1.6max.(25°C) 1.8max.(-40~+85°C) | 25(700~950MHz) 15(950~1050MHz) 25(2400~2500MHz) 35(2700~5150MHz) 40(5150~5850MHz) 25(5850~12750MHz) | 2 | 50 | 1.60x0.80x0.70 | G |
| RFBPF16081G9DMAT73 | 1805~2025 | 2.0 | 30(700~950MHz) 15(950~1050MHz) 40(2400~2500MHz) 35(2700~5400MHz) 35(5500~6200MHz) 35(9350~10150MHz) 20(10500~12750MHz) | 2 | 50 | 1.60x0.80x0.70 | G |
| RFBPF16081G9DMAT79 | 1880~2025 | 2.0max.(25°C) 2.2max.(-40~+85°C) | 20(1545~1610MHz) 25(2400~2500MHz) 25(5150~5850MHz) | 2 | 50 | 1.60x0.80x0.70 | G |
| RFBPF16081G9DS8T60 | 1805~2025 | 1.6 | 30(700~950MHz) 15(950~1050MHz) 25(2400~2500MHz) 35(2700~5400MHz) 35(5500~6200MHz) 35(9350~10150MHz) 20(10500~12750MHz) | 2 | 50 | 1.60x0.80x0.70 | G |

■ TYPICAL ELECTRICAL CHARACTERISTICS

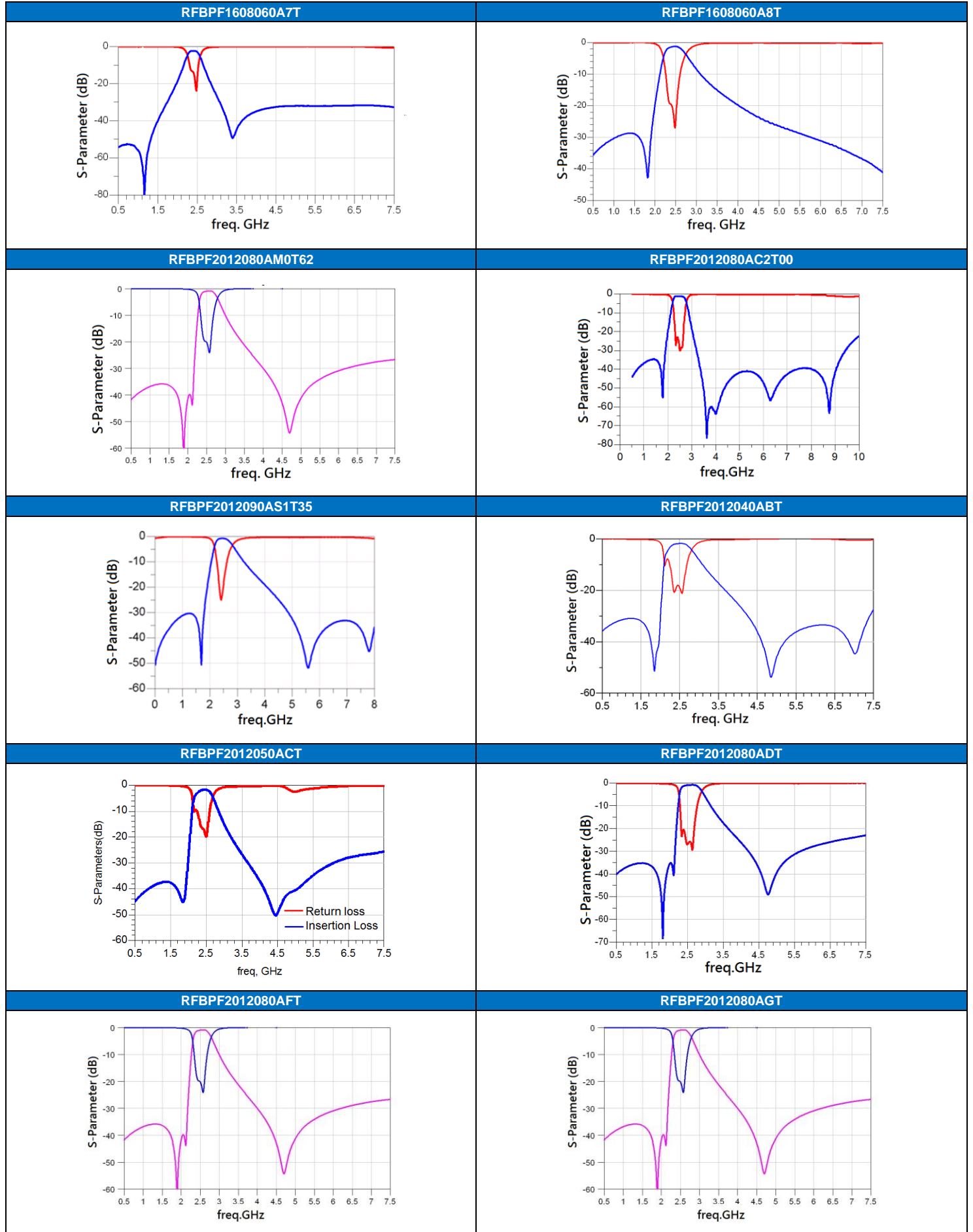


HIGH FREQUENCY MULTILAYER BAND PASS FILTER

TYPICAL ELECTRICAL CHARACTERISTICS

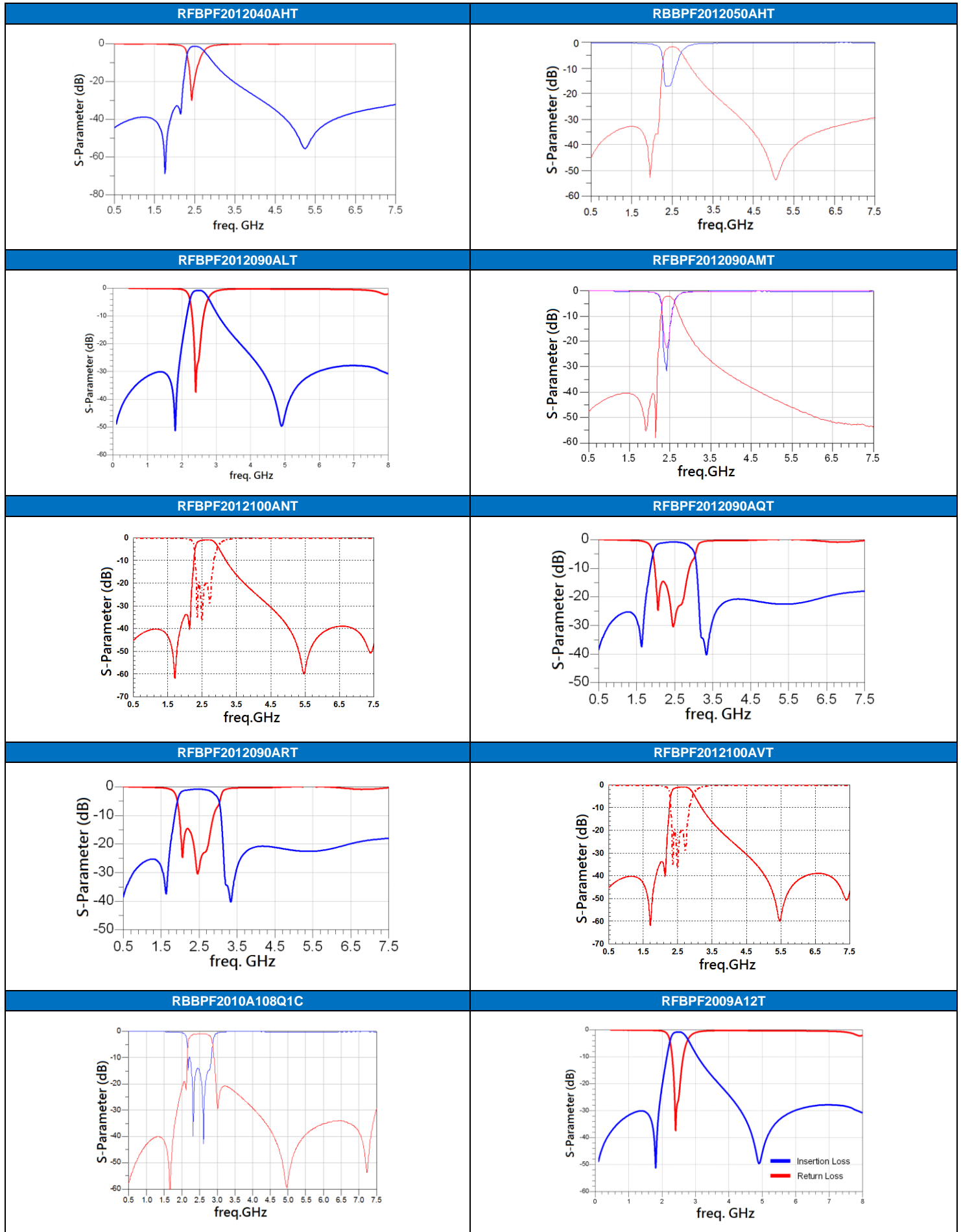


TYPICAL ELECTRICAL CHARACTERISTICS



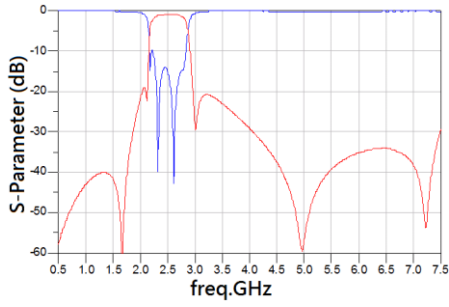
HIGH FREQUENCY MULTILAYER BAND PASS FILTER

TYPICAL ELECTRICAL CHARACTERISTICS

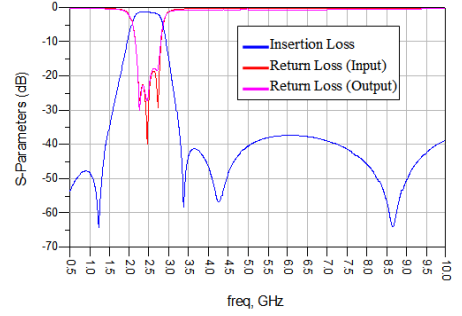


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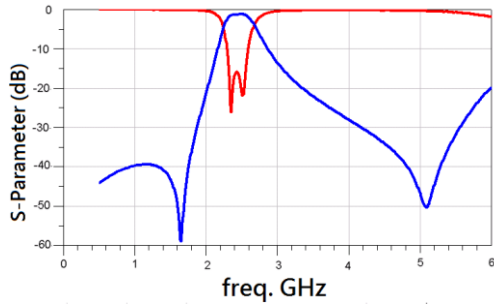
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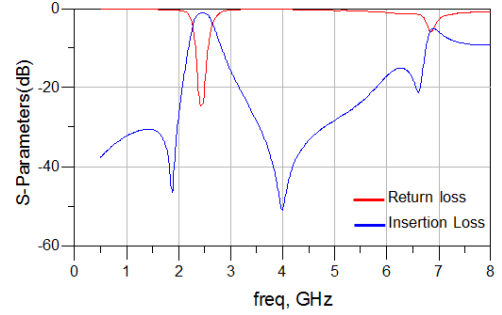
AMBPF2008A17T



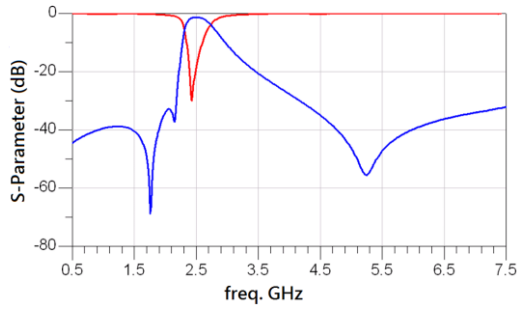
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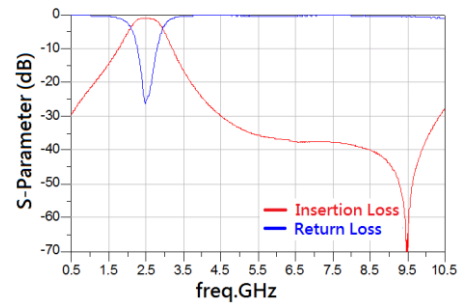
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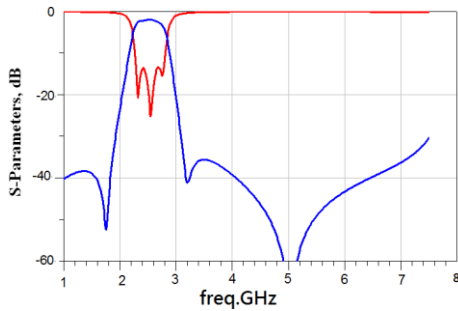
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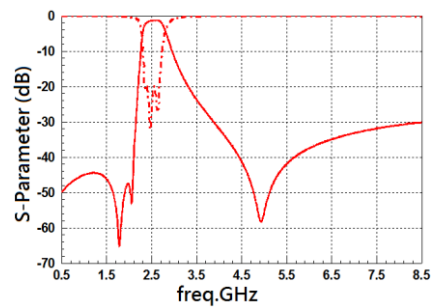
RFBPF2012100A6T



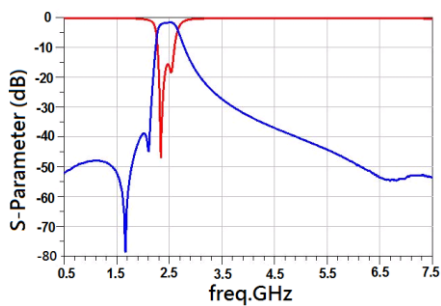
RFBPF2012080A7T



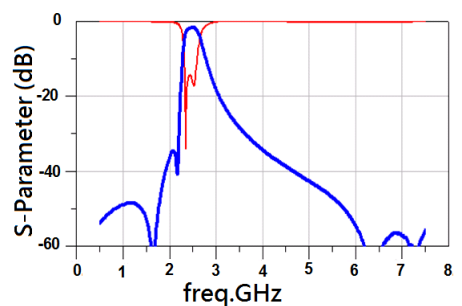
RFBPF2520090ACT



RFBPF2520070AMT

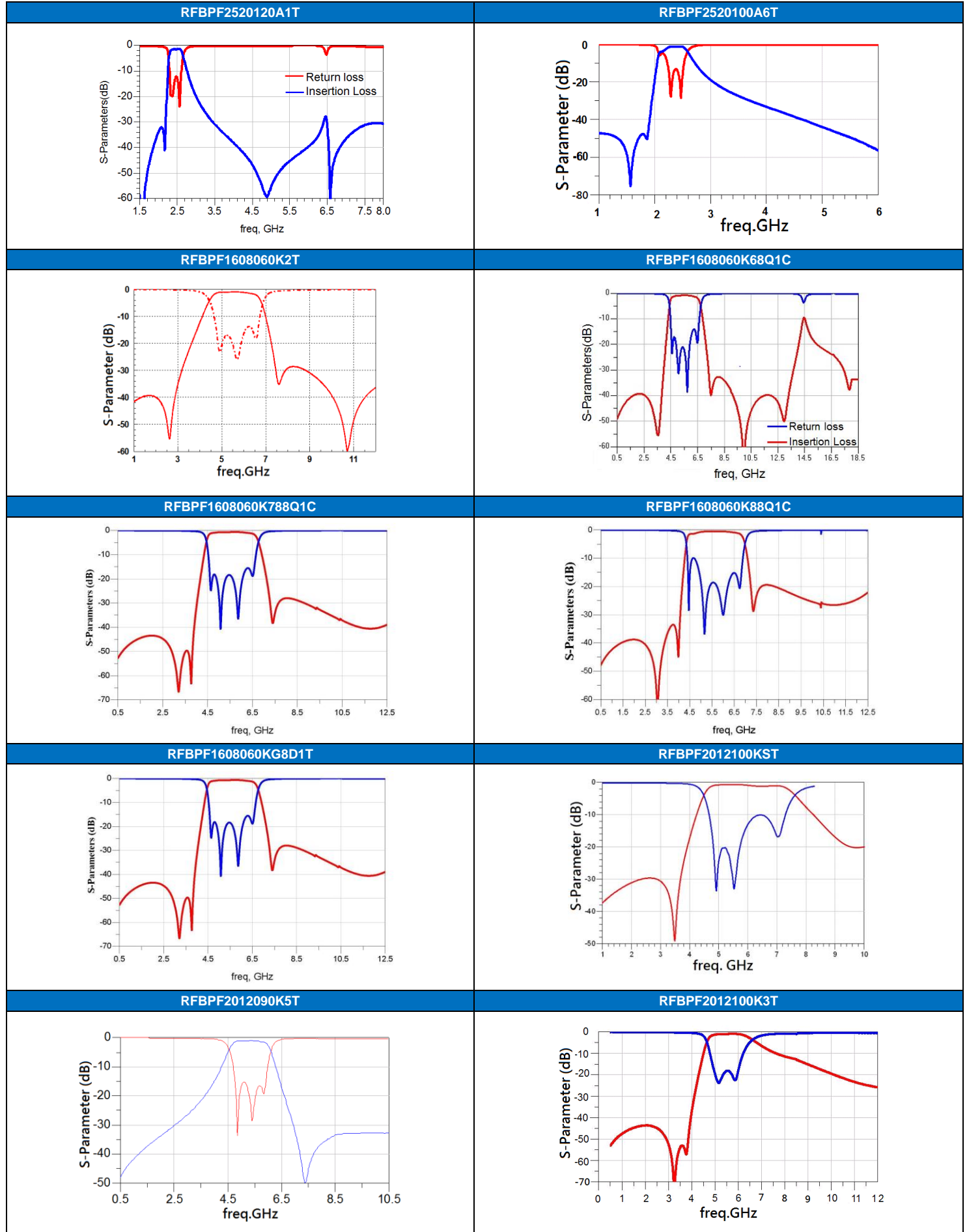


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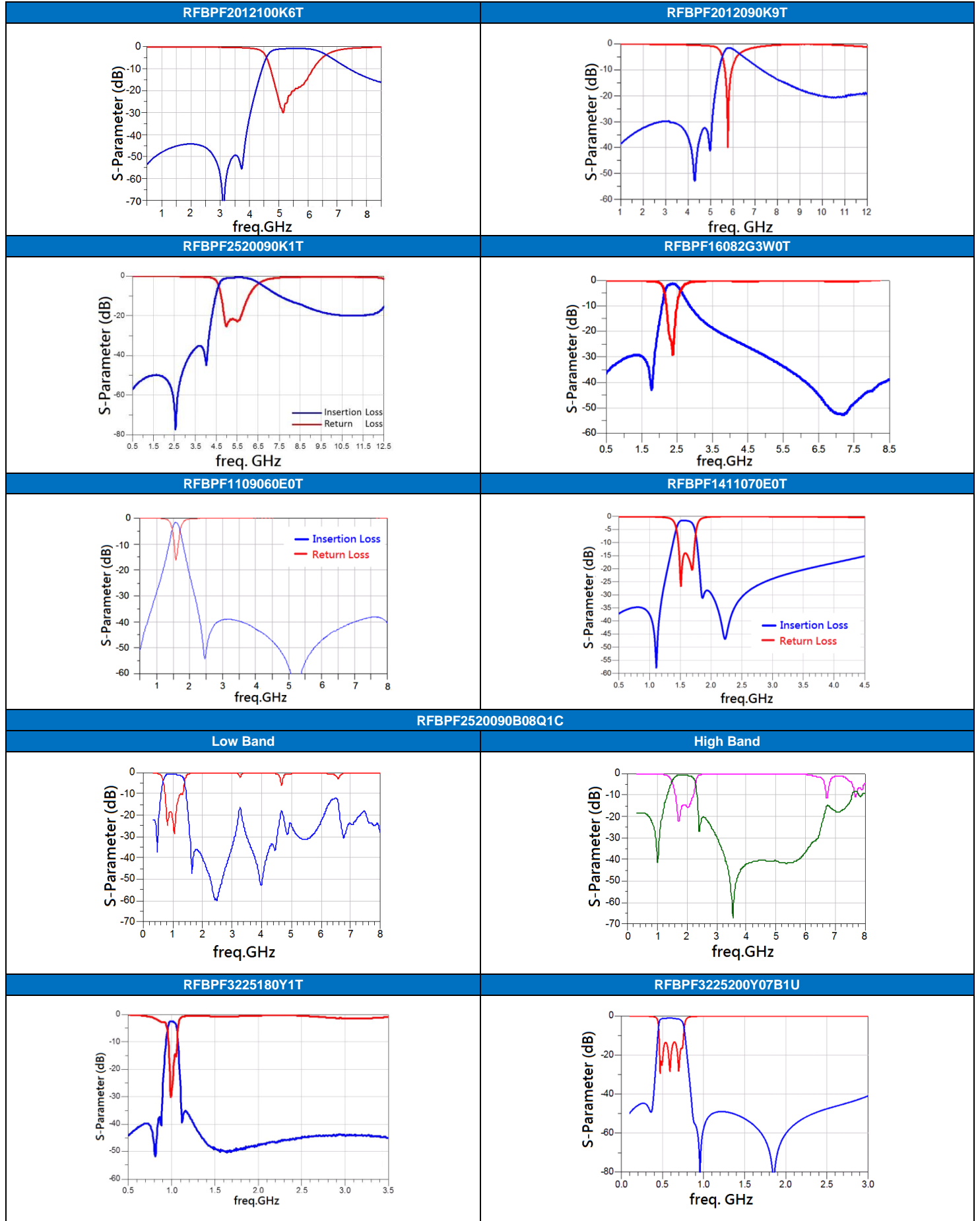


HIGH FREQUENCY MULTILAYER BAND PASS FILTER

TYPICAL ELECTRICAL CHARACTERISTICS

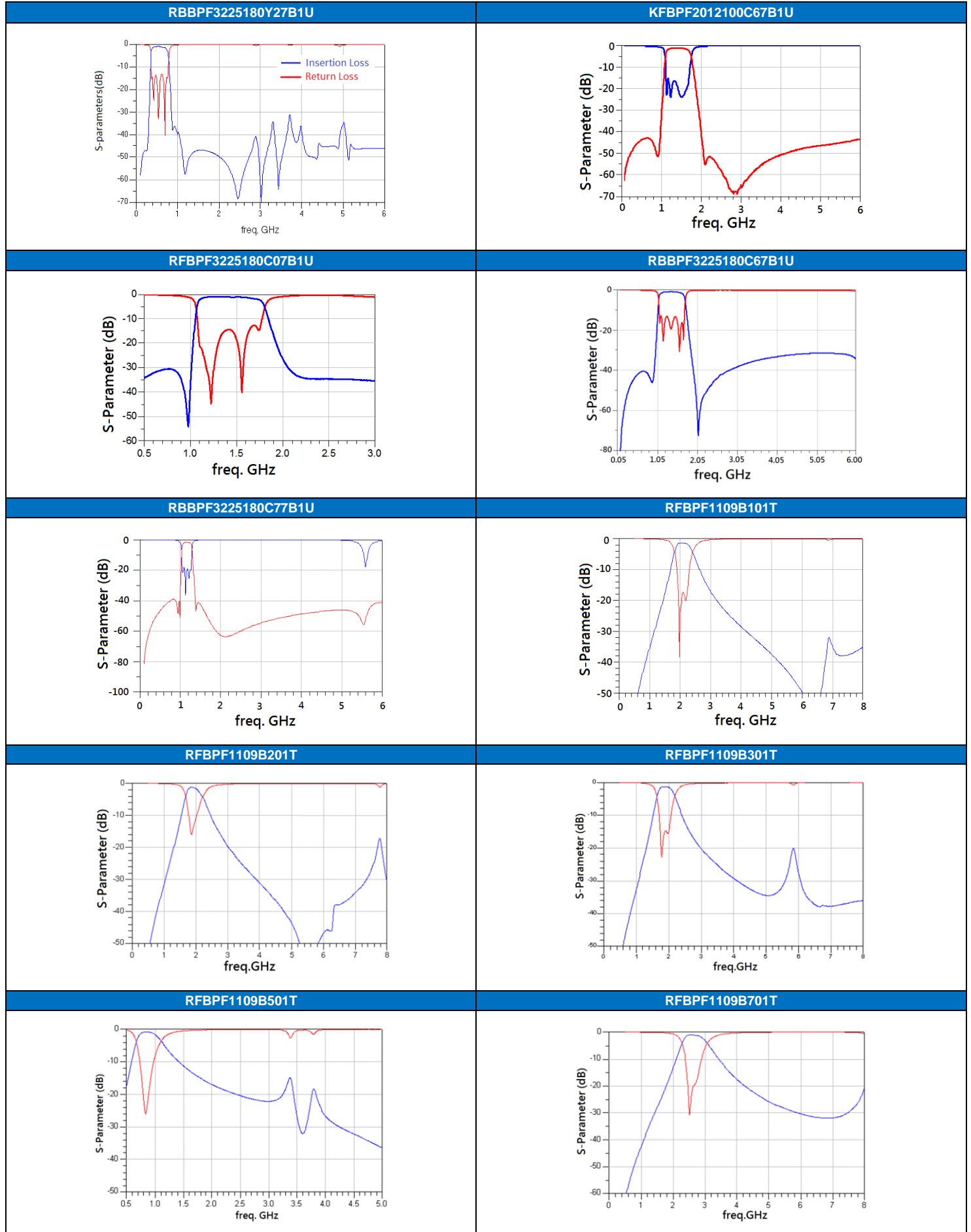


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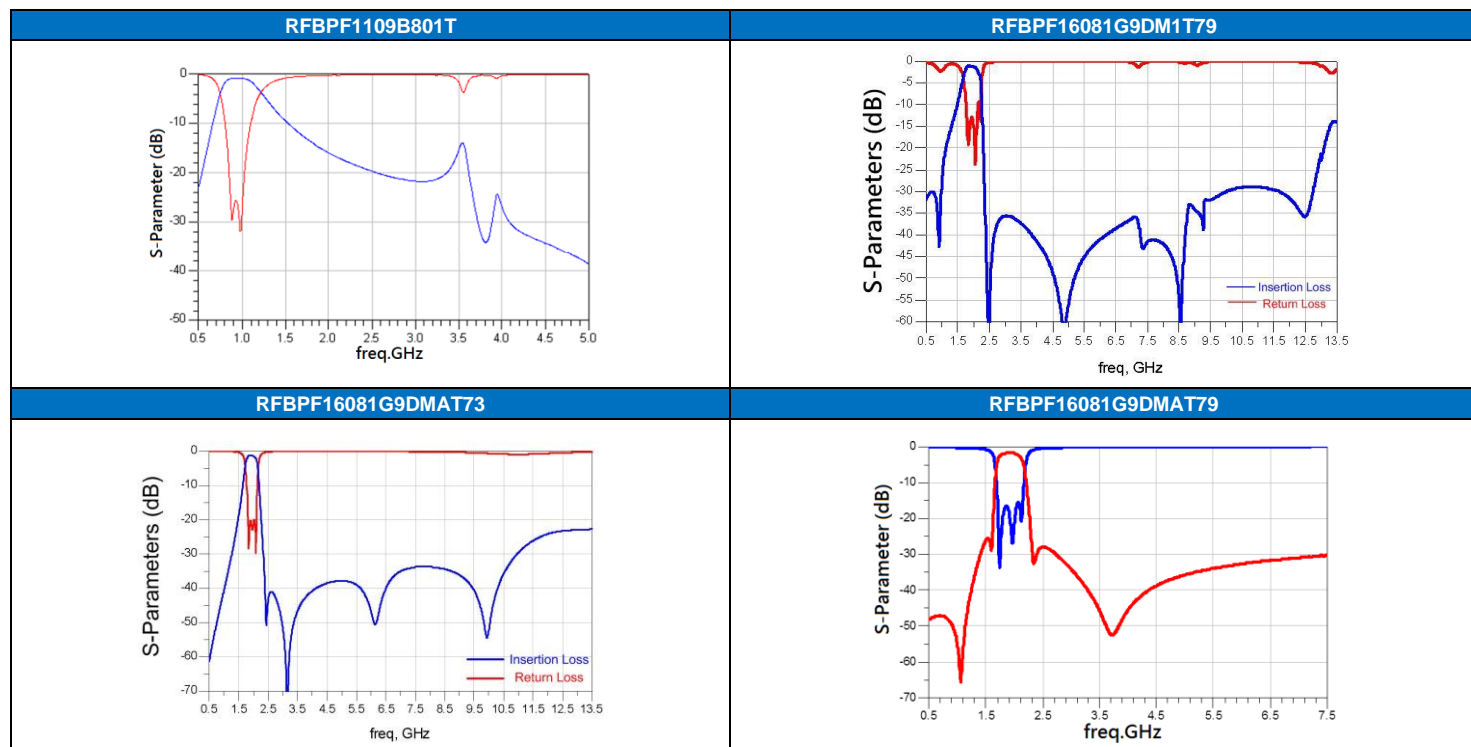


HIGH FREQUENCY MULTILAYER BAND PASS FILTER

TYPICAL ELECTRICAL CHARACTERISTICS



TYPICAL ELECTRICAL CHARACTERISTICS



- For more information, please contact with local sales representative
- All specifications are subject to change without notice

HIGH FREQUENCY MULTILAYER BALANCED FILTER

HIGH FREQUENCY MULTILAYER BALANCED FILTER

■ STRUCTURE AND PIN ASSOCIATED

STRUCTURE A

STRUCTURE A-1

STRUCTURE A-2

STRUCTURE B

■ STRUCTURE AND DIMENSION

Unit: mm

| Structure/ Dimension | L | W | T | A | B | C | D | E | F | G | |
|-------------------------|-----------|-----------|-----------|------------|------------|-----------|---------------|---------------|-----------|-----------|-----------|
| A | 1.60±0.15 | 0.80±0.15 | 0.60±0.10 | 0.175±0.15 | 0.25±0.15 | 0.25±0.15 | 0.50±0.15 | 0.20±0.15 | 0.20±0.15 | 0.30±0.15 | |
| | 2.00±0.15 | 1.25±0.15 | 1.20±0.10 | 0.40±0.10 | 0.175±0.10 | 0.35±0.15 | 0.30±0.15 | 0.65±0.10 | 0.20±0.10 | 0.20±0.15 | 0.50±0.10 |
| | | | 0.50±0.10 | 0.20±0.15 | 0.30±0.15 | 0.35±0.15 | 0.65±0.15 | 0.20±0.15 | 0.20±0.15 | 0.30±0.15 | |
| | | | 0.60±0.10 | 0.20±0.15 | 0.30±0.10 | 0.35±0.10 | 0.65±0.10 | 0.20±0.15 | 0.20±0.15 | 0.50±0.10 | |
| | | | 0.90±0.10 | 0.20±0.15 | 0.30±0.10 | 0.35±0.10 | 0.65±0.10 | 0.20±0.15 | 0.20±0.15 | 0.30±0.10 | |
| | | | 1.00±0.10 | 0.20±0.15 | 0.30±0.10 | 0.35±0.10 | 0.65±0.10 | 0.20±0.10 | 0.20±0.15 | 0.50±0.10 | |
| | | | | 1.10±0.10 | 0.20±0.15 | 0.30±0.10 | 0.35±0.10 | 0.65±0.10 | 0.20±0.15 | 0.20±0.15 | 0.55±0.10 |
| | 0.50±0.10 | 0.35±0.10 | 0.65±0.10 | | 0.20±0.15 | 0.20±0.15 | 0.50±0.10 | | | | |
| 2.50±0.20 | 2.00±0.20 | 0.85±0.10 | 0.35±0.20 | 0.40±0.10 | 0.30±0.10 | 0.70±0.20 | 0.15(Typical) | 0.15(Typical) | 1.20±0.20 | | |
| B | 1.95±0.15 | 1.25±0.15 | 0.80±0.10 | 0.175±0.15 | 0.30±0.15 | 0.35±0.15 | 0.65±0.15 | 0.25±0.15 | - | - | |
| | 2.00±0.15 | 1.25±0.10 | 0.60±0.10 | 0.20±0.10 | 0.30±0.15 | 0.35±0.15 | 0.65±0.10 | 0.25±0.10 | - | - | |

■ ELECTRICAL SPECIFICATION

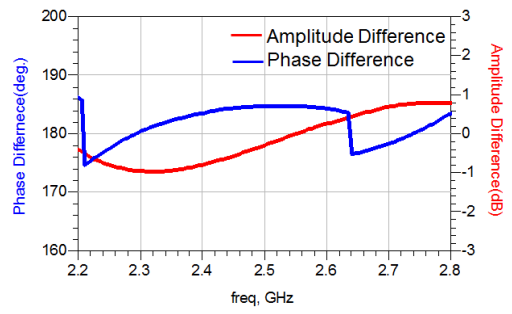
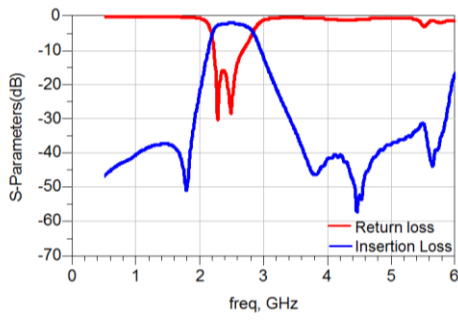
2.4GHz BAND WORKING FREQUENCY

| Part Number | Frequency Range (MHz) | Impedance(Ω) | | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (Max.) | Phase Difference | Amplitude Difference | Size (mm) | STRUCTURE |
|--------------------|-----------------------|-----------------------|--|---|--|-------------|------------------|----------------------|--------------------|-----------|
| | | Unbalance | Balance | | | | | | | |
| RFBPB2012090A1T | 2.4~2.5 | 50 | Conjugate match to BC series of Bluetooth chipset | 3.5 | 35(880~960MHz) 30(1710~1880MHz) 20(1880~1990MHz) 30(4800~5000MHz) | 2.1 | 180°± 10 | 2 | 2.00x1.25x0.9 0 | A-1 |
| RFBPB2012090A9T | 2.4~2.5 | 50 | Conjugate match to BC series of Bluetooth chipset | 2.8 | 35(880~960MHz) 30(1575MHz) 25(1710~1880MHz) 30(4800~5000MHz) | 2.1 | 180°± 10 | 2 | 2.00x1.25x0.9 0 | A-1 |
| RFBPB2012090AAT | 2.4~2.5 | 50 | Conjugate match to CSR BC03/ 04 series | 3.5 | 35(880~960MHz) 30(1710~1880MHz) 20(1880~1990MHz) 30(4800~5000MHz) | 2.1 | 180°± 10 | 2 | 2.00x1.25x0.9 0 | A-1 |
| RFBPB2012060ABT | 2.4~2.5 | 50 | Impedance match to T.I. CC253X,CC254X, CC257X, CC853X and CC852X Chipsets | 1.5max.(25°C) 1.7max. (-40~+85°C) | 12(1000MHz) 15(4800~5000MHz) 20(7200~7500MHz) | 2.0 | 180°± 15 | 2 | 2.00x1.25x0.6 0 | B |
| RFBPB2012080AET | 2.4~2.5 | 50 | Impedance match to: Atmel AT86RF232, AT86RF233, ATMega256RF R2, Zigbit 256RFR2, Zigbit RF233, ZigBit RF233+FEM, Extension RF233, USB RF233 | 1.5max.(25°C) 1.7max. (-40~+85°C) | 20(4800~5000MHz) 20(7200~7500MHz) | 2.0 | 180°± 10 | 2 | 1.95x1.25x0.8 0 | B |
| RFBPB2012090AHT | 2.4~2.5 | 50 | 100 | 3.5 | 30(880~960MHz) 30(1710~1880MHz) 20(1880~1990MHz) 30(4800~5000MHz) | 2.0 | 180°± 10 | 2 | 2.00x1.25x0.9 0 | A-1 |
| RFBPB2012090AM1T59 | 2.4~2.5 | 50 | Conjunction to MT5931/MT6628 Chipset | 2.5 (typ.2.2) | 35(824~960 MHz) 32(1990 MHz) 18(2170 MHz) 40(4800~5000MHz) 25(7200~7500MHz) | 2.0 | 180°± 10 | 2 | 2.00x1.25x0.9 5 | A-1 |
| RFBPB2012090AM1T61 | 2.4~2.5 | 50 | Conjugate match to MTK MT6611 Bluetooth chipset | 2.8 | 35(880~960MHz) 30(1710~1880MHz) 20(1880~1900MHz) 30(4800~5000MHz) | 2.1 | 180°± 10 | 2 | 2.00x1.25x0.9 0 | A-1 |
| RFBPB2012100A6T | 2.4~2.5 | 50 | Conjugate match to BC series of Bluetooth chipset | 3.5 | 35(880~960MHz) 30(1710~1880MHz) 20(1880~1900MHz) 40(4800~5000MHz) | 2.0 | 180°± 10 | 2 | 2.00x1.25x1.0 0 | A-1 |
| RFBPB2012110A5T | 2.4~2.5 | 50 | 50 | 2.8 | 30(880~960 MHz) 30(1710~1880MHz) 20(1880~1990 MHz) 30(4800~5000 MHz) | 2.0 | 180°± 10 | 2 | 2.00x1.25x1.1 0 | A-1 |
| RFBPB2520090A7T | 2.4~2.5 | 50 | Conjugate match to TI BRF6150 | 3.5 | 35(880~960MHz) 30(1710~1880MHz) 25(1880~1990MHz) 25(4800~5000MHz) | 2.0 | 180°± 15 | 1.5 | 2.50x2.00x0.9 0 | A-2 |

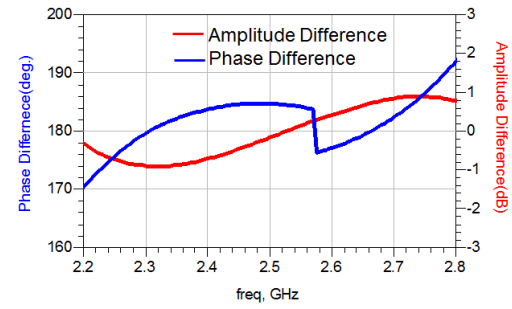
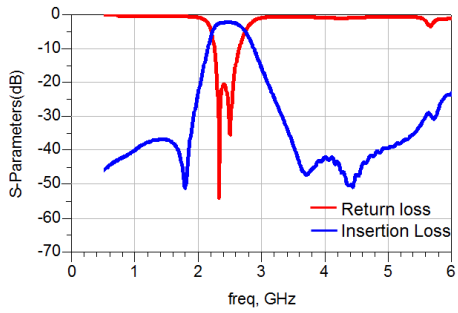
HIGH FREQUENCY MULTILAYER BALANCED FILTER

■ TYPICAL ELECTRICAL CHARACTERISTICS

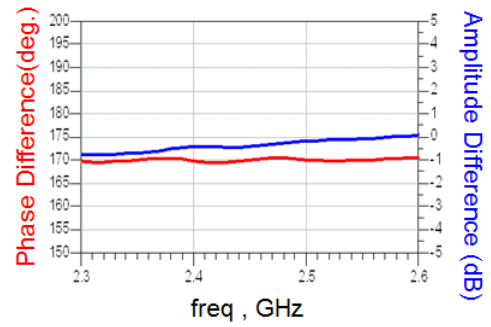
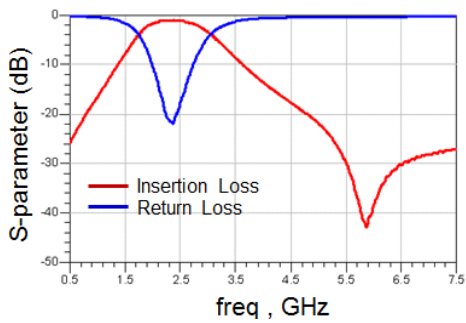
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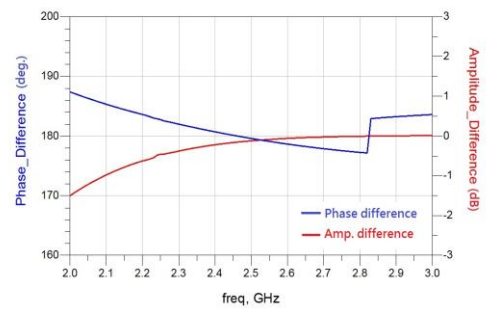
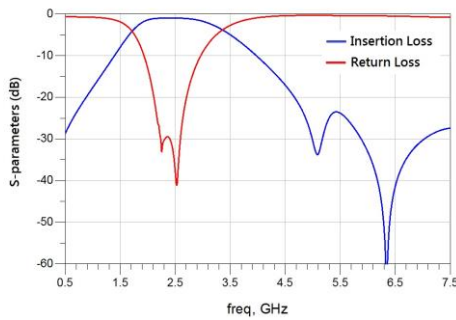
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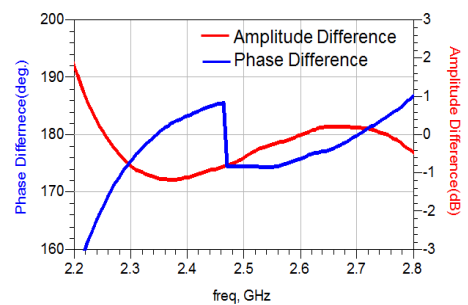
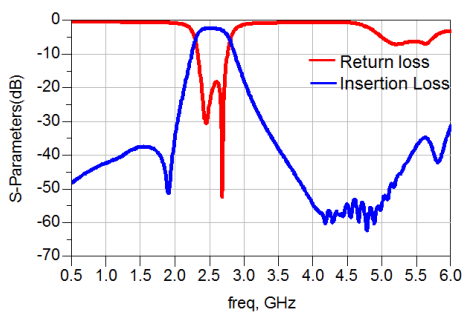
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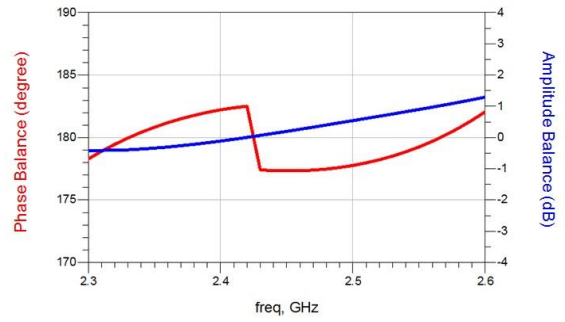
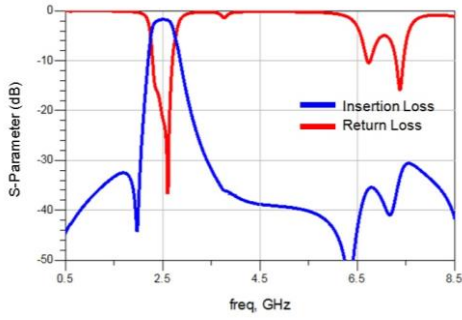


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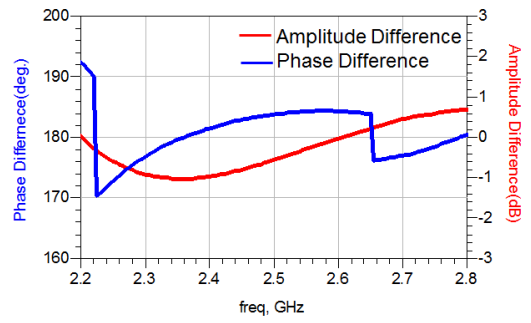
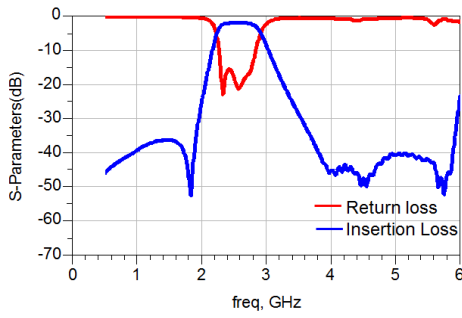


TYPICAL ELECTRICAL CHARACTERISTICS

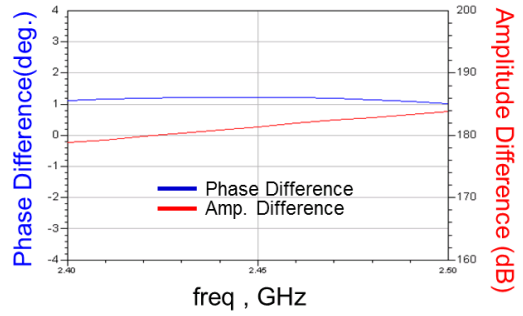
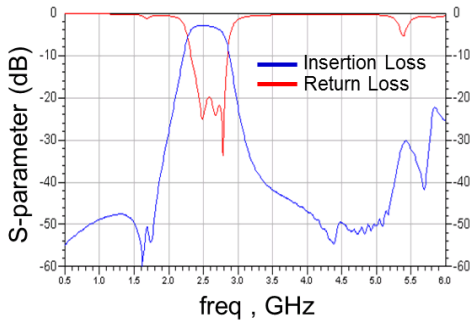
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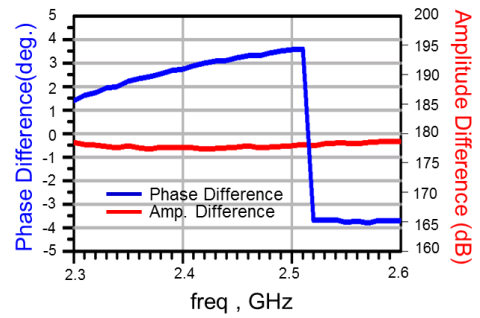
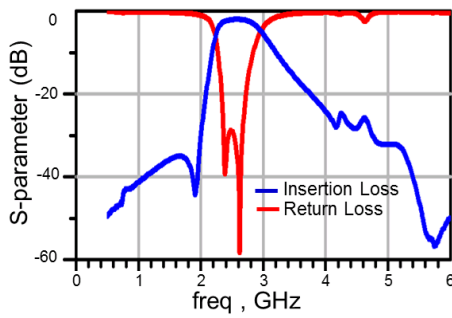
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RFBPB2012100A6T



RFBPB2012090AM1T61

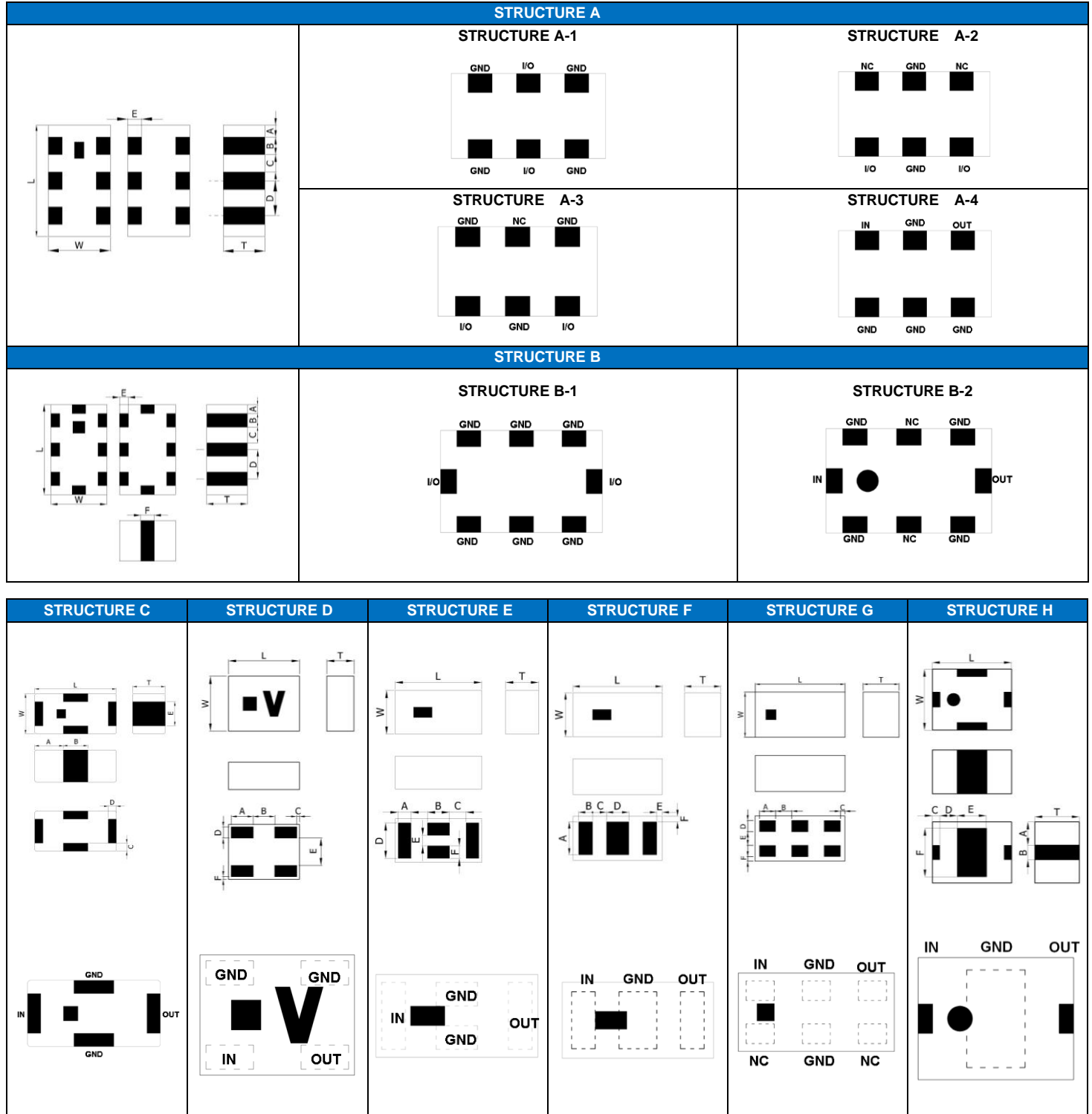


- For more information, please contact with local sales representative
- All specifications are subject to change without notice

HIGH FREQUENCY MULTILAYER LOW PASS FILTER

HIGH FREQUENCY MULTILAYER LOW PASS FILTER

■ STRUCTURE AND PIN ASSOCIATED



■ STRUCTURE AND DIMENSION

Unit: mm

| Structure\Dimension | L | W | T | A | B | C | D | E | F |
|---------------------|-----------|-----------|-----------|------------|------------|-------------|------------|------------|-------------|
| A | 1.60±0.15 | 0.80±0.15 | 0.50max. | 0.20±0.10 | 0.24±0.10 | 0.24±0.10 | 0.50±0.10 | 0.15±0.10 | - |
| | | | 0.60±0.10 | 0.175±0.15 | 0.25±0.15 | 0.25±0.15 | 0.50±0.15 | 0.20±0.15 | - |
| | | | 0.65±0.10 | 0.175±0.15 | 0.25±0.15 | 0.25±0.15 | 0.50±0.15 | 0.20±0.15 | - |
| | | | 0.70max. | 0.175±0.15 | 0.25±0.15 | 0.25±0.15 | 0.50±0.15 | 0.20±0.15 | - |
| B | 2.00±0.15 | 1.25±0.10 | 0.90±0.10 | 0.20±0.10 | 0.30±0.10 | 0.35±0.10 | 0.65±0.10 | 0.20±0.10 | 0.20±0.10 |
| | | | 0.95±0.10 | 0.20±0.10 | 0.30±0.10 | 0.35±0.10 | 0.65±0.10 | 0.20±0.10 | 0.20±0.10 |
| | | | 1.05±0.10 | 0.20±0.10 | 0.30±0.10 | 0.35±0.10 | 0.65±0.10 | 0.20±0.10 | 0.20±0.10 |
| C | 1.00±0.10 | 0.50±0.10 | 1.00±0.20 | 0.10min. | 0.55±0.15 | 0.45±0.15 | 1.00±0.15 | 0.30±0.15 | 0.70±0.20 |
| | | | 0.40±0.10 | 0.35±0.10 | 0.30±0.10 | 0.15±0.10 | 0.15±0.10 | 0.30±0.10 | - |
| D | 0.65±0.10 | 0.50±0.10 | 0.40max. | 0.20±0.05 | 0.20±0.05 | 0.025±0.025 | 0.10±0.05 | 0.25±0.05 | 0.025±0.025 |
| | | | 0.45max. | 0.23±0.05 | 0.40±0.10 | 0.30±0.10 | 0.65±0.10 | 0.20±0.05 | 0.23±0.05 |
| E | 1.60±0.15 | 0.80±0.15 | 0.65max. | 0.23±0.05 | 0.40±0.10 | 0.30±0.10 | 0.65±0.10 | 0.20±0.05 | 0.23±0.05 |
| | | | 0.60±0.10 | 0.23±0.05 | 0.40±0.10 | 0.30±0.10 | 0.65±0.10 | 0.20±0.05 | 0.23±0.05 |
| | | | 0.65max. | 0.60±0.10 | 0.25±0.10 | 0.25±0.10 | 0.40±0.10 | 0.10±0.05 | 0.10±0.05 |
| F | 1.60±0.10 | 0.80±0.10 | 0.90±0.10 | 0.95±0.10 | 0.275±0.10 | 0.25±0.10 | 0.60±0.10 | 0.175±0.10 | 0.15±0.10 |
| | | | 1.00max. | 0.95±0.10 | 0.275±0.10 | 0.25±0.10 | 0.60±0.10 | 0.175±0.10 | 0.15±0.10 |
| G | 1.00±0.10 | 0.50±0.10 | 0.40 max. | 0.18±0.05 | 0.18±0.05 | 0.05±0.05 | 0.125±0.05 | 0.15±0.05 | 0.05±0.05 |
| H | 3.20±0.20 | 2.50±0.20 | 1.00±0.20 | 0.95±0.20 | 0.60±0.20 | 0.30±0.15 | 0.70±0.15 | 1.20±0.15 | 2.00±0.15 |
| | | | 1.80±0.20 | 0.95±0.20 | 0.60±0.20 | 0.30±0.15 | 0.70±0.15 | 1.20±0.15 | 2.00±0.15 |

■ ELECTRICAL SPECIFICATION

GSM850/900GHz BAND WORKING FREQUENCY

| Part Number | Frequency Range (MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | Structure |
|--------------------|-----------------------|--|--|-------------|---------------|----------------|-----------|
| RFLPF06050G9D0T | 824~915 | 0.5max.(25°C) 0.7max.(-40~+85°C) | 20(2400~2750MHz) | 2.0 | 50 | 0.65x0.50x0.40 | D |
| RFLPF10050G9D0T | 824~915 | 0.6 | 25(1648~1830MHz) 25(2472~2745MHz) 25(3296~3660MHz) | 2.0 | 50 | 1.00x0.50x0.40 | C |
| RFLPF10050G9D3T | 824~915 | 0.5max.(25°C) 0.7max.(-40~+85°C) | 25(1648~1830MHz) 25(2472~2745MHz) 25(3296~3660MHz) | 2.0 | 50 | 1.00x0.50x0.40 | C |
| RFLPF10050G9D4T | 699~915 | 0.5max.(25°C) 0.7max.(-40~+85°C) | 25(1648~1830MHz) 25(2472~2745MHz) 25(3296~3660MHz) | 2.0 | 50 | 1.00x0.50x0.40 | C |
| RFLPF10050G9D58Q1C | 814~915 | 0.5max.(25°C) 0.65max.(-40~+85°C) | 18(1648~1830MHz) 17(2472~2745MHz) | 2.0 | 50 | 1.00x0.50x0.40 | C |
| RFLPF16080G9D4T | 698~960 | 0.60(698~830MHz) 0.70(830~900MHz) 0.75(900~915MHz) 0.90(915~960MHz) | 30(1554~1830MHz) 35(2097~2745MHz) | 1.6 | 50 | 1.60x0.80x0.65 | A-3 |
| RFLPF16080G9DM1T58 | 698~960 | 0.8 | 16(1565~1610MHz) 32(2110~2155MHz) | 2.0 | 50 | 1.60x0.80x0.50 | A-4 |
| RFLPF10050G9DM1T76 | 698~960 | 0.6max.(25°C) 0.65max.(-40~+85°C) | 13(1554~1610MHz) 35(1805~1830MHz) 35(2110~2170MHz) 30(1710~2700MHz) | 2.0 | 50 | 1.00x0.50x0.40 | G |
| RFLPF20120G9D0T | 890~915 | 0.6max.(25°C) 0.75max.(-40~+85°C) | 30(1780~1830MHz) 30(2670~2745MHz) | 2.0 | 50 | 2.00x1.25x0.95 | B-2 |
| RFLPF20120G9D1T | 890~915 | 0.6max.(25°C) 0.75max.(-40~+85°C) | 40(1720~1765MHz) 30(1780~1830MHz) 30(2670~2745MHz) | 2.0 | 50 | 2.00x1.25x0.95 | B-2 |

DCS/PCS BAND WORKING FREQUENCY

| Part Number | Frequency Range (MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | Structure |
|--------------------|-----------------------|--|---|-------------------|---------------|----------------|-----------|
| RFLPF10051G8D0T | 1710~1910 | 0.8 | 35(3420~3570MHz) 35(3700~3820MHz) 35(5130~5730MHz) | 2.0 | 50 | 1.00x0.50x0.40 | C |
| RFLPF10051G8DM5T51 | 1710~1910 | 0.6 | 26(3420~3570MHz) 21(3700~3820MHz) 21(5130~5730MHz) | 2.0 | 50 | 1.00x0.50x0.40 | C |
| RFLPF10051G8DM1T76 | 1880~2025 | 1.4max.(25°C) 1.6max.(-40~+85°C) | 20(2400~2500MHz) 25(3760~4050MHz) 25(5150~5850MHz) 25(5640~6075MHz) | 2.0 (typ.1.16) | 50 | 1.00x0.50x0.40 | G |
| RFLPF16081G8D3T | 1710~1910 | 0.45max.(25°C) 0.55max.(-40~+85°C) | 30(3420~3570MHz) 25(3700~3820MHz) 25(5130~5730MHz) | 2.0 | 50 | 1.60x0.80x0.50 | C |
| RFLPF16081G8D78Q1C | 1880~2025 | 1.4 | 25(2400~2500MHz) 18(4020~4045MHz) 25(6030~6075MHz) | 2.0 | 50 | 1.60x0.80x0.60 | F |
| RFLPF16081G8DC8Q1C | 1880~2170 | 0.60(1880~1920MHz) 0.70(1920~1980MHz) 0.80(2010~2170MHz) 2.00(2025~2170MHz) | 15(2400~2500MHz) 20(3760~4050MHz) 12(5150~5850MHz) 12(5640~6075MHz) 5(7520~8100MHz) | 2.0 | 20 | 1.60x0.80x0.60 | E |
| RFLPF20121G8D1T | 1880~2025 | 1.35max.(25°C) 1.50max.(-40~+85°C) | 38(2400~2500MHz) 25(4020~4045MHz) 27(6030~6075MHz) | 1.9 | 50 | 2.00x1.20x0.90 | F |

HIGH FREQUENCY MULTILAYER LOW PASS FILTER

2.4GHz BAND WORKING FREQUENCY

| Part Number | Frequency Range (MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | Structure |
|--------------------|-----------------------|---------------------------------------|--|------------------|---------------|----------------|-----------|
| RFLPF1005040A0T | 2450±50 | 0.45max.(25°C) 0.55max.(-40~+85°C) | 21(4800~5000MHz) 21(7200~7500MHz) | 1.7 | 50 | 1.00x0.50x0.40 | C |
| RFLPF1005040A1T | 2450±50 | 0.75 | 33(4800~5000MHz) 37(7200~7500MHz) | 2.0 | 50 | 1.00x0.50x0.40 | C |
| RFLPF1005040A2T | 2450±50 | 0.75max.(25°C) 0.90max.(-40~+85°C) | 32(4800~5000MHz) 35(7200~7500MHz) | 2.0 | 50 | 1.00x0.50x0.40 | C |
| RFLPF1608060AM2T66 | 2450±50 | 0.65 (typ.0.55) | 20(3603~3720MHz) 30(4804~4960MHz) 10(6005~6200MHz) 20(7206~7440MHz) 10(8407~8680MHz) 20(9608~9920MHz) 10(10809~11160MHz) 10(12010~12400MHz) 10(13211~13640MHz) 15(14412~14880MHz) 10(15613~16120MHz) 10(16814~17360MHz) | 2.0 (typ.1.5) | 50 | 1.60x0.80x0.65 | A-1 |
| RFLPF1608060AAT | 2450±50 | 0.65 | 20(3603~3720MHz) 30(4804~4960MHz) 10(6005~6200MHz) 20(7206~7440MHz) 10(8407~8680MHz) 20(9608~9920MHz) 10(10809~11160MHz) 10(12010~12400MHz) 10(13211~13640MHz) 15(14412~14880MHz) 10(15613~16120MHz) 10(16814~17360MHz) | 2.0 | 50 | 1.60x0.80x0.70 | A-1 |
| RFLPF1608060ABT | 2450±50 | 0.50 | 35(4800~5000MHz) 25(7200~7500MHz) | 2.0 | 50 | 1.60x0.80x0.60 | A-1 |
| RFLPF1608060A0T | 2450±50 | 0.65 (typ.0.48) | 35(4800MHz(typ.40)) 27(7200MHz(typ.40)) | 1.5 | 50 | 1.60x0.80x0.60 | A-1 |
| RFLPF1608060A1T | 2450±50 | 0.6 | 27(4800~5000MHz) 30(7200~7500MHz) | 2.0 | 50 | 1.60x0.80x0.60 | A-2 |
| RFLPF1608060A2T | 2450±50 | 0.42 | 25(4800MHz) 18(7200MHz) | 1.5 | 50 | 1.60x0.80x0.60 | A-1 |
| RFLPF1608060A9T | 2450±50 | 0.50max.(25°C) 0.60max.(-40~+85°C) | 20(3400MHz) 20(3600MHz) 30(4800~5000MHz) 30(7200~7500MHz) | 2.0 | 50 | 1.60x0.80x0.60 | E |
| RFLPF2012110A0T | 2450±50 | 0.7 | 30(2x(fo±BW/2)) 20(3x(fo±BW/2)) | 1.5 | 50 | 2.00x1.25x1.05 | B-1 |

5GHz BAND WORKING FREQUENCY

| Part Number | Frequency Range (MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | Structure |
|-----------------|-----------------------|-------------------------------|--|-------------|---------------|----------------|-----------|
| RFLPF1608050K0T | 5400±500 | 0.60(25°C) 0.70(-40~+85°C) | 25(9800MHz) 30(11900MHz) 20(17850MHz) (for reference) | 2.0 | 50 | 1.60x0.85x0.50 | C |
| RFLPF2012090K0T | 5400±500 | 0.55(25°C) 0.65(-40~+85°C) | 30(9800MHz) 30(11800MHz) 20(17550MHz) (for reference) | 2.0 | 50 | 2.00x1.25x0.90 | B-1 |

LTE BAND APPLICATION

| Part Number | Frequency Range (MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | Structure |
|--------------------|-----------------------|--|--|-------------|---------------|----------------|-----------|
| RFLPF1005040Y0T | 617~798 | 0.60(25°C) 0.65(-40~+85°C) | 25(1565~1607MHz) 30(1920~1980MHz) | 2.0 | 50 | 1.00x0.50x0.40 | G |
| RFLPF1005040YM1T76 | 746~878 | 0.60(25°C) 0.65(-40~+85°C) | 30(1554~1610MHz) 25(2238~2361MHz) | 2.0 | 50 | 1.00x0.50x0.40 | G |
| RFLPF1608060Y08Q1C | 470~787 | 0.65(25°C) 0.71(-40~+85°C) | 26(1429~1501MHz) 30(1565~1607MHz) 35(1570~1580MHz) 18(1920~1980MHz) | 2.0 | 50 | 1.60x0.85x0.65 | A-3 |
| RFLPF1608060Y18Q1C | 698~960 | 0.60(698~830MHz) 0.70(830~900MHz) 0.75(900~915MHz) 0.90(915~960MHz) | 30(1554~1830MHz) 35(2097~2745MHz) | 1.6 | 50 | 1.60x0.85x0.65 | A-3 |
| RFLPF2012090Y2T | 400~470 | 0.50(25°C) 0.65(-40~+85°C) | 33(800~940MHz) | 2.0 | 50 | 2.00x1.25x0.90 | F |
| RFLPF2012090Y3T | 500~700 | 0.65(25°C) 0.80(-40~+85°C) | 33(1000~1400MHz) | 2.0 | 50 | 2.00x1.25x0.90 | F |
| RFLPF2012100Y0T | DC~500 | 0.70 | 9(824~960MHz) 25(1710~1990MHz) 25(2400~4000MHz) | 2.0 | 50 | 2.00x1.25x0.95 | B-2 |
| RFLPF1608060E0T | 1400~2690 | 0.25(25°C) 0.30(-40~+85°C) | 25(4905~5845MHz) | 1.92 | 50 | 1.60x0.85x0.65 | F |
| RFLPF1608060F0T | 600~2700 | 0.50 | 30(4800~8000MHz) 25(8500~12500MHz) | 2.0 | 50 | 1.60x0.85x0.65 | F |

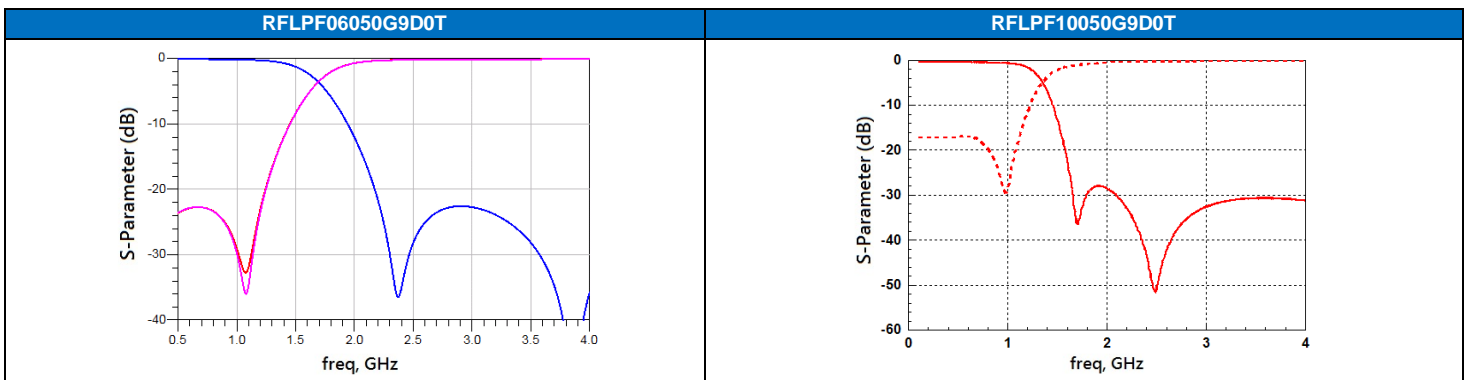
LTE BAND APPLICATION

| Part Number | Frequency Range (MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | Structure |
|--------------------|------------------------------------|--|--|-------------|------------------------|----------------|-----------|
| RFLPF1608060F18Q1C | 673~2690 | 0.50 | 35(4950~6000MHz) 35(6000~7500MHz) 35(7500~8100MHz) 35(8100~10500MHz) 27(10500~12500MHz) | 2.0 | 50 | 1.60x0.85x0.65 | F |
| RFLPF1608060F88Q1C | 10~2700 | 0.5 | 30(4900~5950MHz) | 2.0 | 50 | 1.60x0.85x0.65 | E |
| RFLPF2012100F18Q1C | 1710~2170 | 1.30(25°C) 1.50(-40~+85°C) | 15(2400~2500MHz) 25(3250~3350MHz) 25(3420~3570MHz) 23(3700~3820MHz) 23(3840~3960MHz) 23(4100~4600MHz) 25(4905~5845MHz) 23(5850~6400MHz) 20(6600~7350MHz) | 1.56 | 50 | 2.00x1.25x1.00 | B-2 |
| RFLPF2012100F28Q1C | DC~2170 | 0.75(25°C) 0.85(-40~+85°C) | 10(2400~2500MHz) 23(3250~3350MHz) 20(3420~3570MHz) 18(3700~3820MHz) 18(3840~3960MHz) 18(4100~4600MHz) 20(4905~5845MHz) 18(5850~6400MHz) 5(6600~7350MHz) | 2.0 | 50 | 2.00x1.25x1.00 | F |
| RFLPF10052G5WM1T76 | 2300~2700 | 0.5(25°C) 0.6(-40~+85°C) | 25(4600~5400MHz) 25(6900~8100MHz) | 2.0 | 50 | 1.00x0.50x0.40 | G |
| RFLPF16082G6W0T | 2400~2690 | 0.6 | 26(4800~5390MHz) 23(7200~8085MHz) | 2.0 | 50 | 1.60x0.80x0.60 | A-2 |
| RFLPF16082G6W2T | 2300~2700 | 0.40(25°C) 0.43(-40~+85°C) | 21(4600~5400MHz) 22(6900~8100MHz) | 2.0 | 50 | 1.60x0.80x0.60 | A-2 |
| RFLPF16082G5W0T | 2300~2700 | 0.90(25°C) 1.00(-40~+85°C) | 30(4600~5400MHz) 30(6900~8100MHz) 20(9200~10800MHz) 15(11500~13500MHz) | 1.8 | 50 | 1.60x0.80x0.60 | A-1 |
| RFLPF16082G5W6T | 2300~2700 | 0.55 | 40(4600~5400MHz) 25(6900~8100MHz) | 1.7 | 50 | 1.60x0.80x0.60 | A-1 |
| RFLPF16082G5WM0T29 | 2300~2690 | 0.80 (typ.0.40) | 25(4600~5400MHz) 25(6900~8070MHz) | 2.0 | 50 | 1.60x0.80x0.60 | A-1 |
| RFLPF16083G5W7T | 3300~3800 | 0.55 | 17(6600~7600MHz) 20(9900~11400MHz) | 1.9 | 50 | 1.60x0.80x0.60 | A-3 |
| RFLPF2012090BM0T29 | 800~1000 1700~1910 2010~2025 | 0.5(800~1000MHz) 0.8(1700~1910MHz) 1.5(2010~2025MHz) | 20(2300~3700MHz) 30(3700~4100MHz) 20(4100~6100MHz) 10(6100~8000MHz) | 2.0 | 50 | 2.00x1.25x0.90 | F |

MoCA APPLICATION

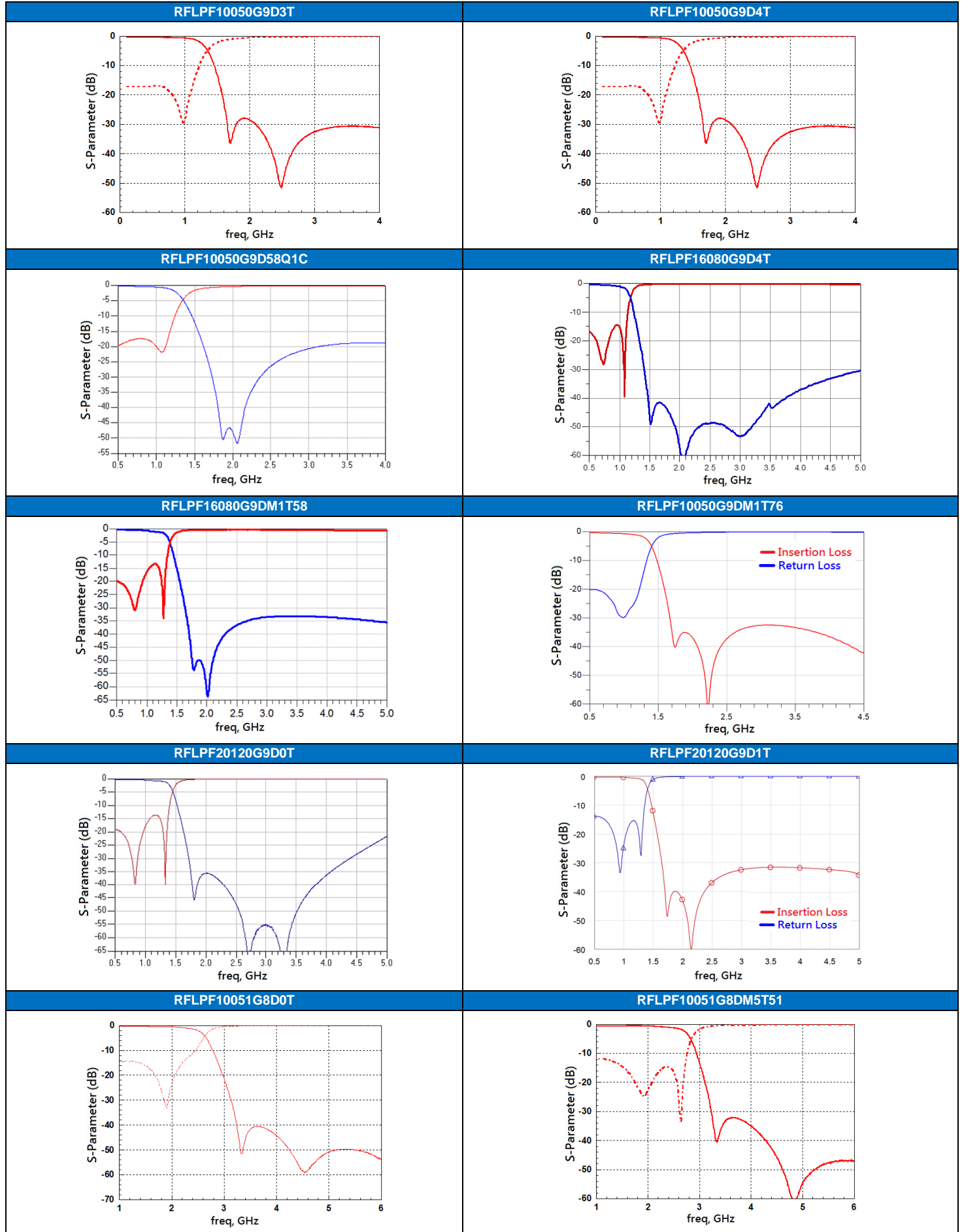
| Part Number | Frequency Range (MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Impedance (Ω) | Size(mm) | Structure |
|--------------------|-----------------------|------------------------------|--------------------------------------|-------------|------------------------|----------------|-----------|
| RFLPF3225180Y1T | 54~870 | 2.5 | 35(975~1675MHz) | 2.0 | 75 | 3.20x2.50x1.80 | H |
| RFLPF3225100Q07B1U | 5~1002 | 2.4(25°C) 2.6(-40~+85°C) | 36(1125~1675MHz) | 2.0 | 75 | 3.20x2.50x1.00 | H |
| RFLPF3225100Q2T | 5~1002 | 2.4(25°C) 2.6(-40~+85°C) | 28(1125~1675MHz) | 1.9 | 75 | 3.20x2.50x1.00 | B-1 |
| RFLPF3225200Q5T | 5~1002 | 1.8(25°C) 2.05(-40~+85°C) | 33(1125~1400MHz) 26(1400~1675MHz) | 2.0 | 75 | 3.20x2.50x1.80 | H |

■ TYPICAL ELECTRICAL CHARACTERISTICS

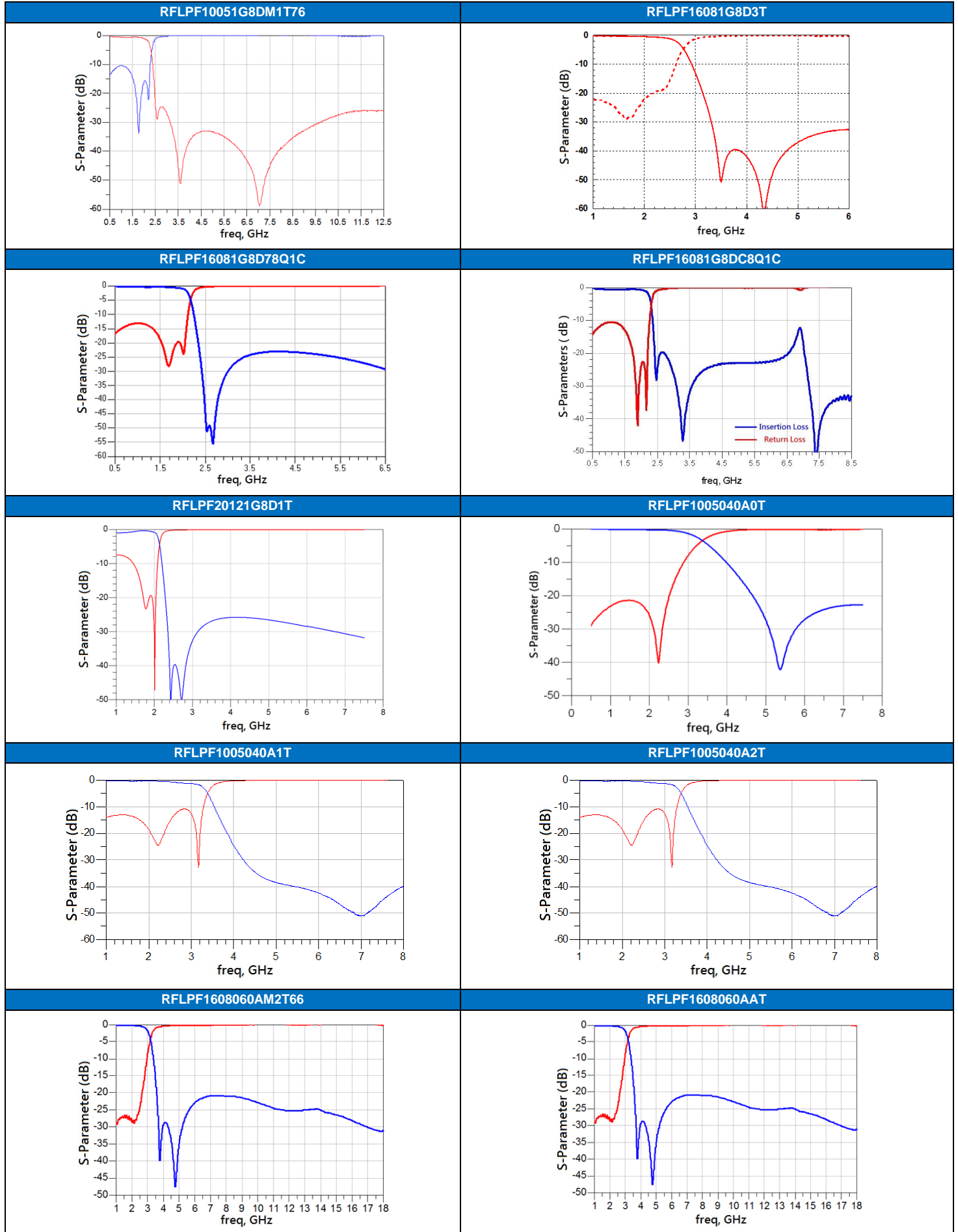


HIGH FREQUENCY MULTILAYER LOW PASS FILTER

TYPICAL ELECTRICAL CHARACTERISTICS

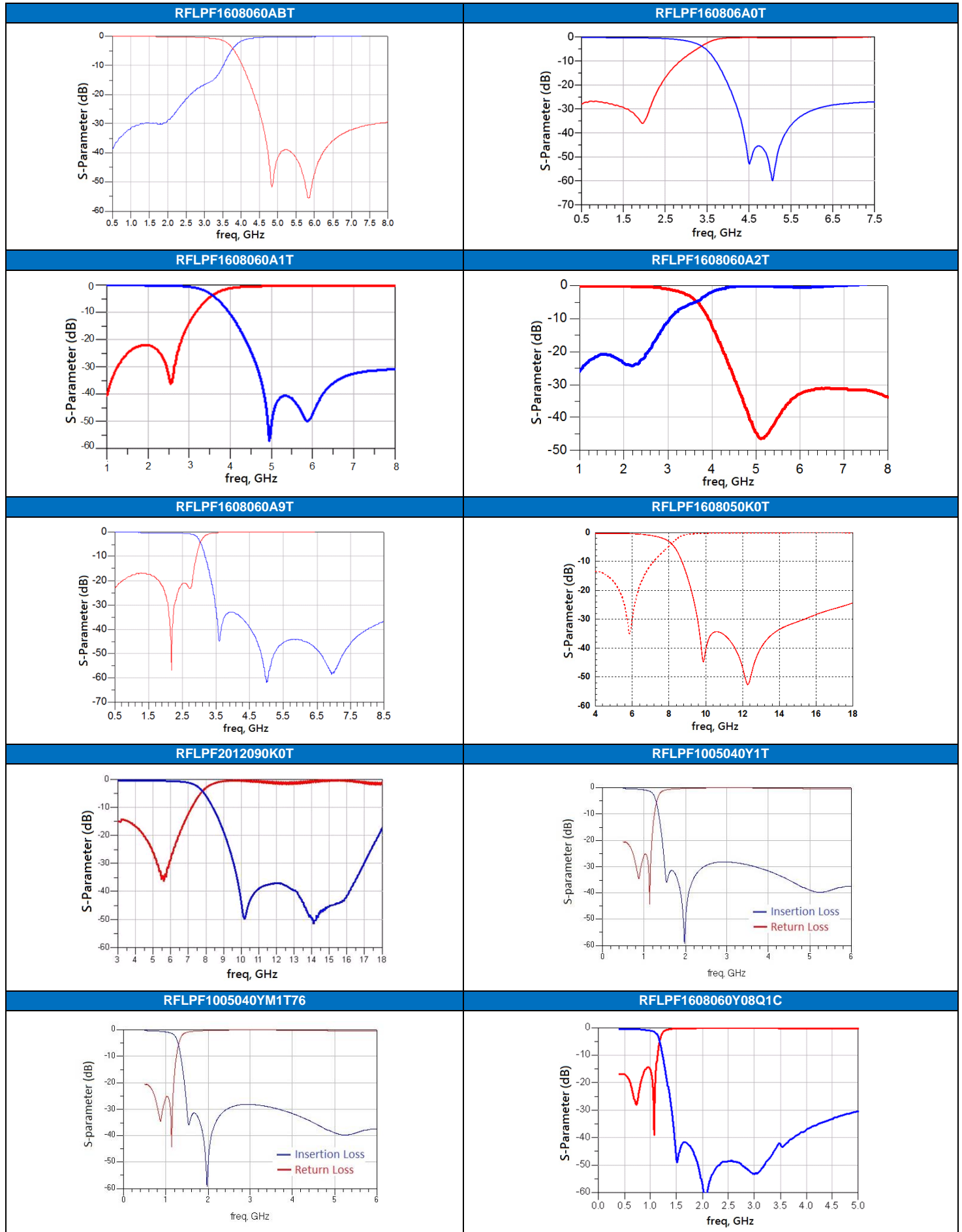


TYPICAL ELECTRICAL CHARACTERISTICS

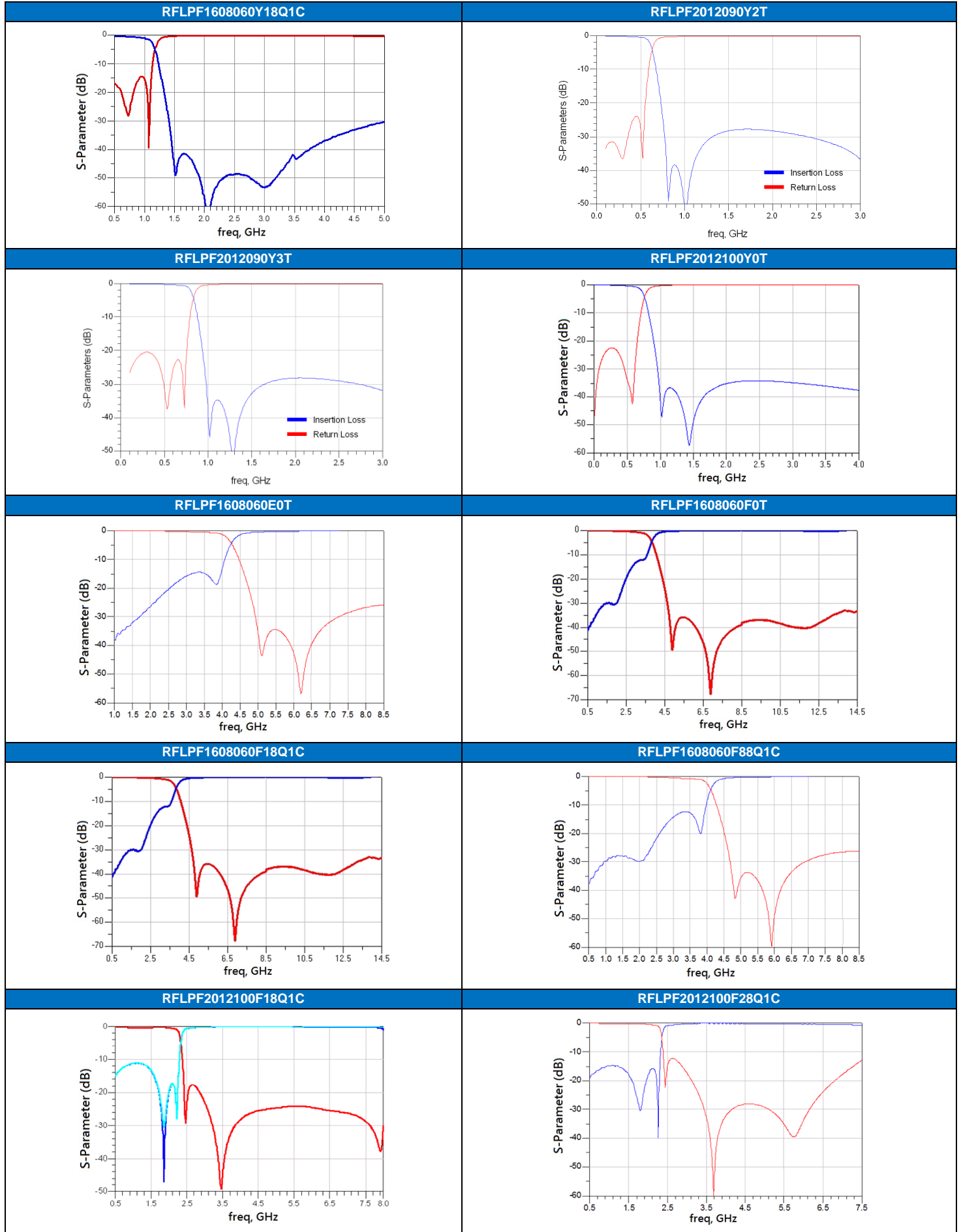


HIGH FREQUENCY MULTILAYER LOW PASS FILTER

TYPICAL ELECTRICAL CHARACTERISTICS

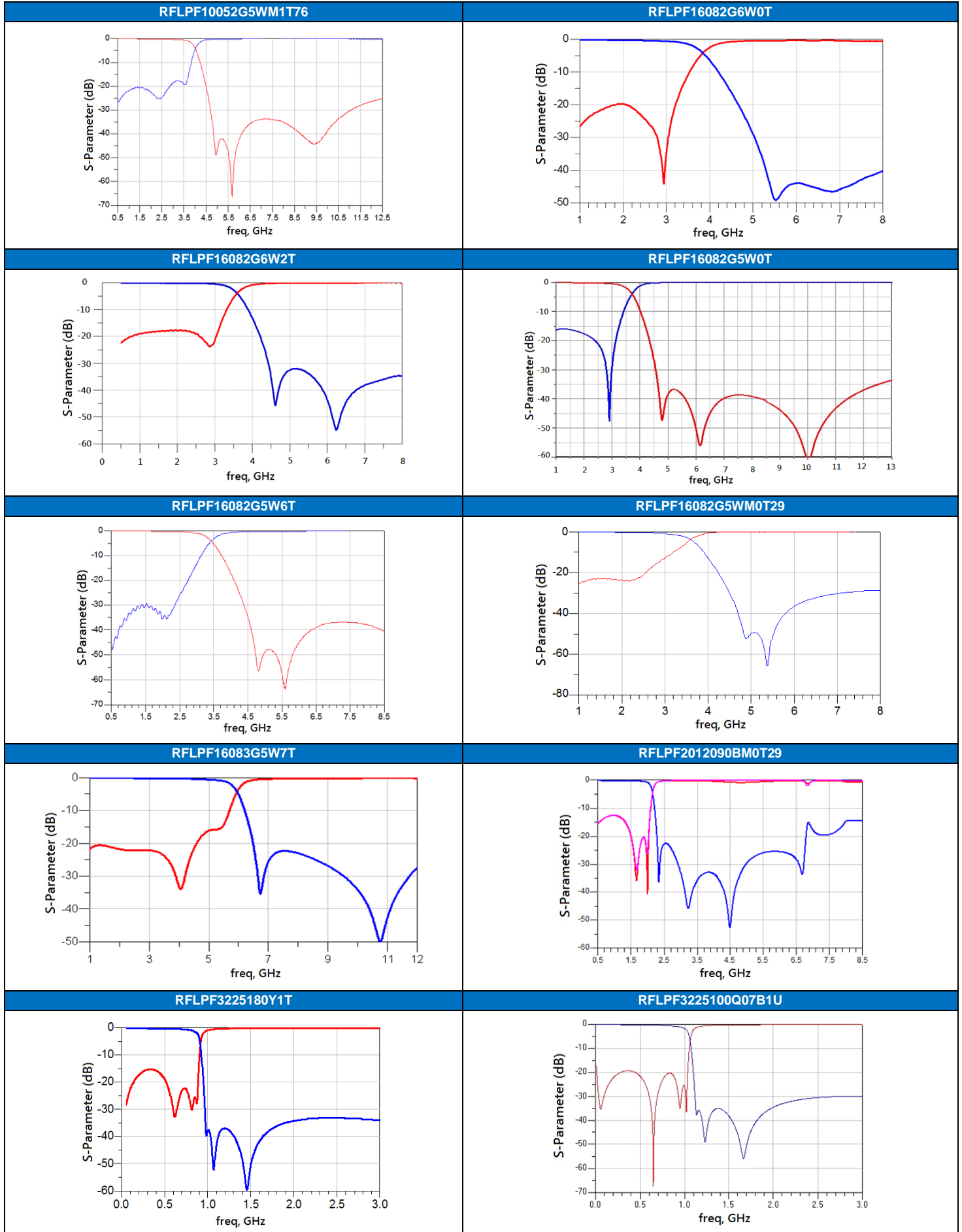


TYPICAL ELECTRICAL CHARACTERISTICS

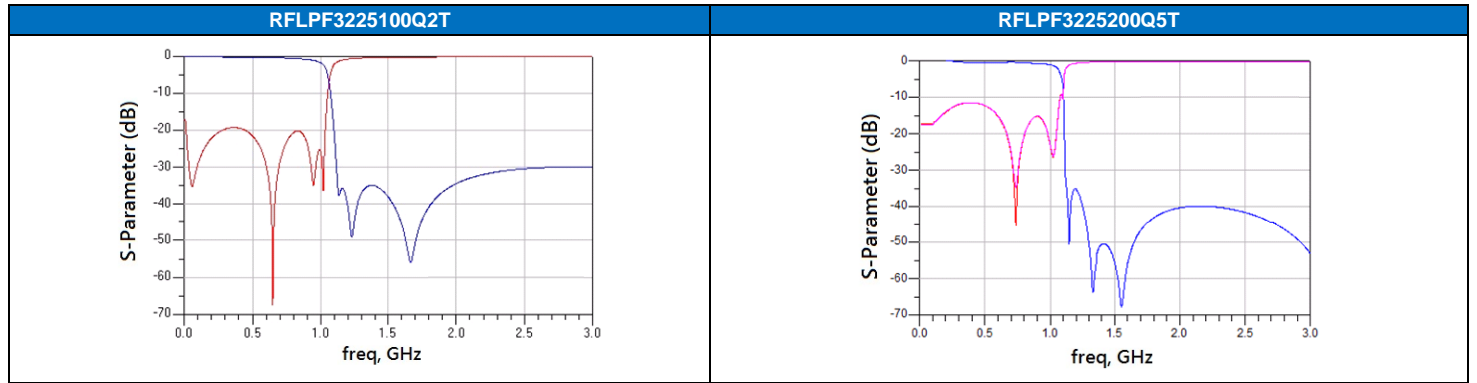


HIGH FREQUENCY MULTILAYER LOW PASS FILTER

TYPICAL ELECTRICAL CHARACTERISTICS



TYPICAL ELECTRICAL CHARACTERISTICS

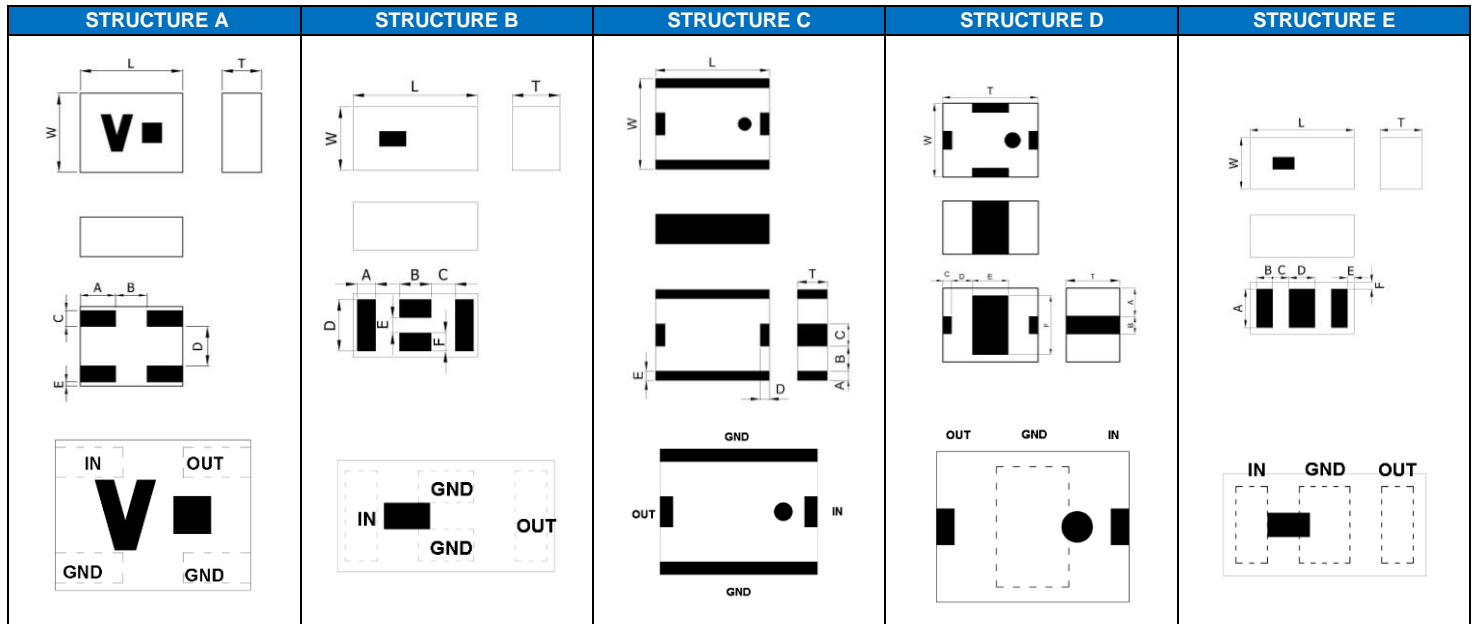


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HIGH FREQUENCY MULTILAYER HIGH PASS FILTER

HIGH FREQUENCY MULTILAYER HIGH PASS FILTER

■ STRUCTURE AND PIN ASSOCIATED



■ STRUCTURE AND DIMENSION

| Structure Dimension | L | W | T | A | B | C | D | E | F |
|---------------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|
| A | 0.65 ± 0.10 | 0.50 ± 0.10 | 0.4 max. | 0.225 ± 0.10 | 0.20 ± 0.05 | 0.10 ± 0.10 | 0.20 ± 0.05 | 0.05 ± 0.05 | - |
| B | 1.60 ± 0.15 | 0.80 ± 0.15 | 0.60 ± 0.10 | 0.23 ± 0.05 | 0.40 ± 0.10 | 0.30 ± 0.10 | 0.65 ± 0.10 | 0.20 ± 0.05 | 0.23 ± 0.05 |
| C | 2.50 ± 0.20 | 2.00 ± 0.20 | 0.90 ± 0.10 | 0.20 ± 0.20 | 0.55 ± 0.20 | 0.50 ± 0.20 | 0.20 ± 0.20 | 0.20 ± 0.20 | - |
| D | 3.20 ± 0.20 | 2.50 ± 0.20 | 1.7 max. | 0.95 ± 0.20 | 0.60 ± 0.20 | 0.30 ± 0.15 | 0.70 ± 0.15 | 1.20 ± 0.15 | 2.00 ± 0.15 |
| E | 1.60 ± 0.10 | 0.80 ± 0.10 | 0.70 ± 0.10 | 0.73 ± 0.10 | 0.30 ± 0.10 | 0.25 ± 0.10 | 0.40 ± 0.10 | 0.05 ± 0.05 | 0.05 ± 0.05 |

Unit: mm

■ ELECTRICAL SPECIFICATION

ISM 2.4/ 5GHz Band Application

| Part Number | Frequency Range (MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Size (mm) | Structure |
|------------------|-----------------------|-------------------------------------|--------------------------------------|-------------|----------------|-----------|
| RFHPPF2520090L0T | 2400~2500 | 2.0max.(25°C) 2.3max.(-40~+85°C) | 30(869~960 MHz) 45(1805~1990 MHz) | 2 | 2.50x2.00x0.90 | C |
| | 5150~5825 | 1.3max.(25°C) 1.6max.(-40~+85°C) | 30(869~960 MHz) 45(1805~1990 MHz) | 2 | | |

2496 ~ 2690 MHz BAND WORKING FREQUENCY

| Part Number | Frequency Range (MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Size (mm) | Structure |
|------------------|-----------------------|---------------------------------------|-----------------------|-------------|-----------------|-----------|
| RFHPPF16082G5W0T | 2496~2690 | 1.2max.(25°C) 1.3max.(-40~+85°C) | 25(1710~1995MHz) | 2.0 | 1.6 X 0.8 X 0.6 | B |
| RFHPPF16082G5W6T | 2300~2690 | 1.45max.(25°C) 1.65max.(-40~+85°C) | 20(1710~1980MHz) | 2.0 | 1.6 X 0.8 X 0.7 | E |

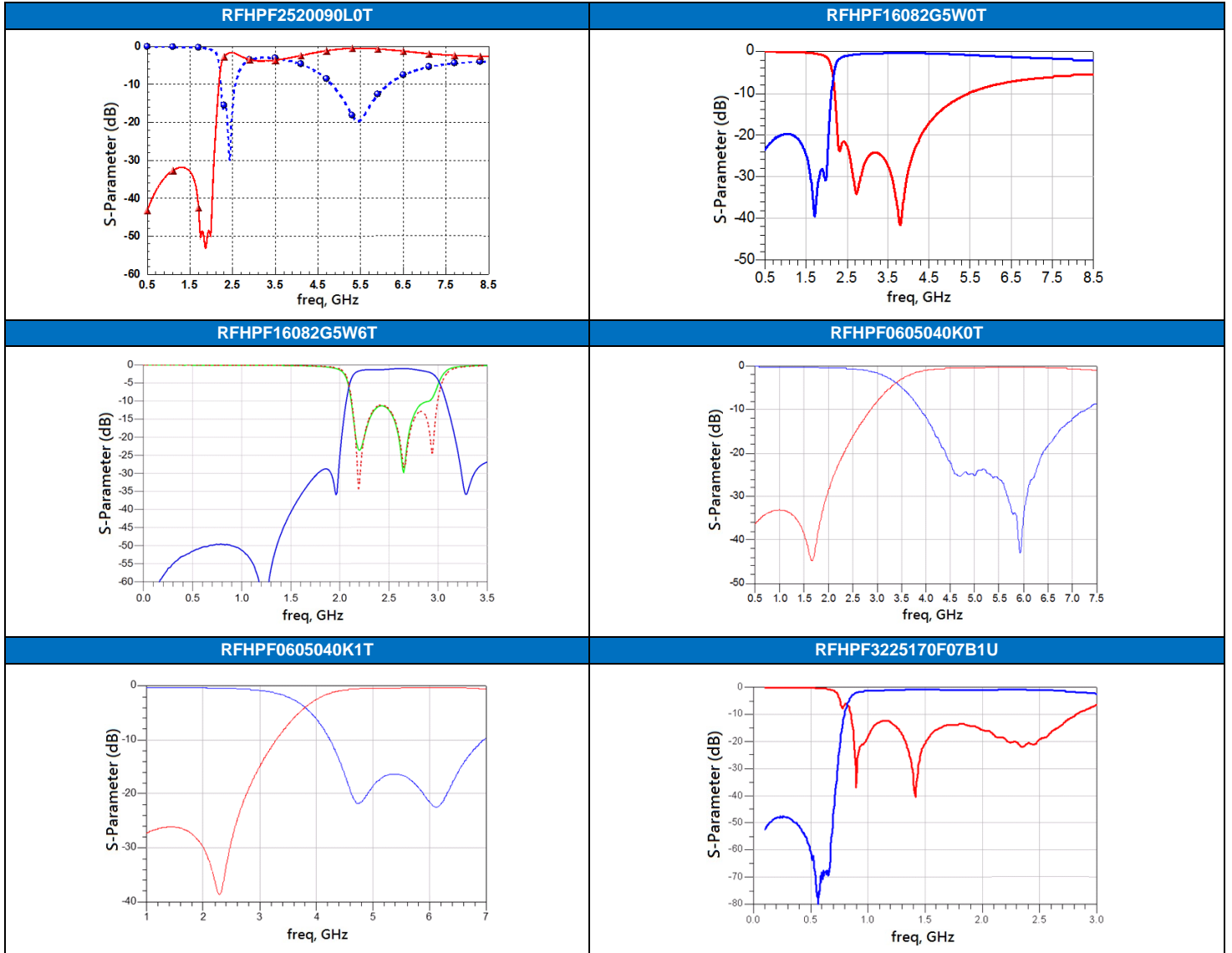
5GHz BAND WORKING FREQUENCY

| Part Number | Frequency Range (MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Size (mm) | Structure |
|------------------|-----------------------|---------------------------------------|-----------------------|-------------|------------------|-----------|
| RFHPPF0605040K0T | 4900~5840 | 0.60max.(25°C) 0.65max.(-40~+85°C) | 14(2400~2500MHz) | 1.6 | 0.65 X 0.5 X 0.4 | A |
| RFHPPF0605040K1T | 4900~5850 | 0.65 | 20(2450~2500MHz) | 2.0 | 0.65 X 0.5 X 0.4 | A |

MoCA Application

| Part Number | Frequency Range (MHz) | Insertion Loss (dB) | Attenuation (dB min.) | VSWR (max.) | Size (mm) | Structure |
|---------------------|-----------------------|--------------------------------------|-----------------------|-------------|-----------------|-----------|
| RFHPPF3225170F07B1U | 950~2150 | 2.00max.(25°C) 2.2max.(-40~+85°C) | 50(475~675MHz) | 2.0 | 3.2 X 2.5 X 1.7 | DC |

■ TYPICAL ELECTRICAL CHARACTERISTICS



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