

LOW PASS FILTER

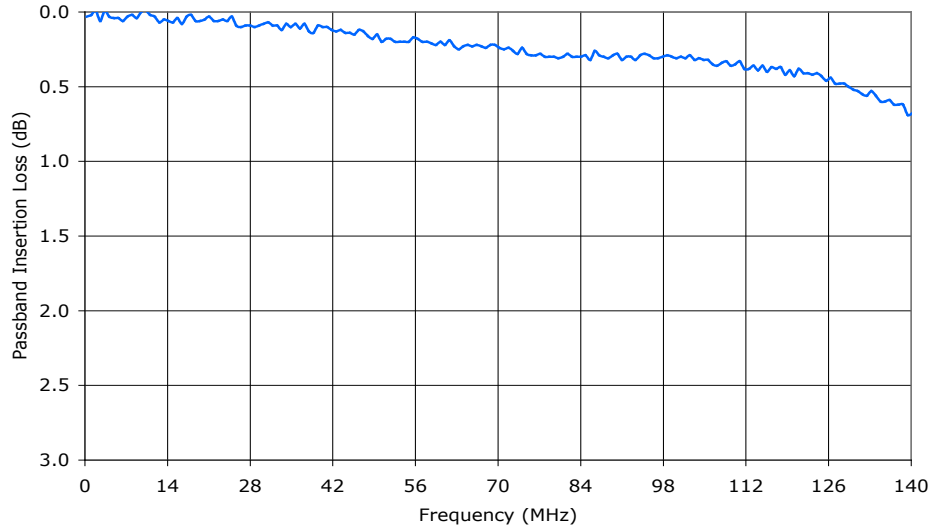
SURFACE MOUNT MODEL: FLS-154

CUT-OFF FREQUENCY

F_c = 154 MHz

FEATURES:

- ▶ Small Size
- ▶ Optimum Performance



SPECIFICATIONS (Rev. C 02/07/08)

| | | | | | | | |
|------------------------------------|--|-----------|--------------|-----------|--------------|-----------|--------------|
| Passband | DC-140 MHz | | | | | | |
| 3 dB Cut-off Frequency | 154 MHz | | | | | | |
| Passband Insertion Loss | 1.0 dB (Max.) | | | | | | |
| Stopband Frequencies | <table border="1"> <tr><td>@ 270 MHz</td><td>35 dB (Min.)</td></tr> <tr><td>@ 235 MHz</td><td>23 dB (Min.)</td></tr> <tr><td>@ 208 MHz</td><td>20 dB (Min.)</td></tr> </table> | @ 270 MHz | 35 dB (Min.) | @ 235 MHz | 23 dB (Min.) | @ 208 MHz | 20 dB (Min.) |
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| @ 235 MHz | 23 dB (Min.) | | | | | | |
| @ 208 MHz | 20 dB (Min.) | | | | | | |
| Power Rating | 1 Watt (Max.) | | | | | | |
| Impedance | 50 Ohms (Nom.) | | | | | | |
| VSWR (Passband) | 1.7:1 dB (Typ.) | | | | | | |
| Operating Temperature Range | -40 to +85 °C | | | | | | |

| | |
|------------------|------|
| Package # | 102S |
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LAYOUT FOR PRINTED
CIRCUIT DESIGN

| PORT CONFIGURATION | | |
|--------------------|--------|-----------|
| Input | Output | Gnd. |
| 1 | 8 | All Other |

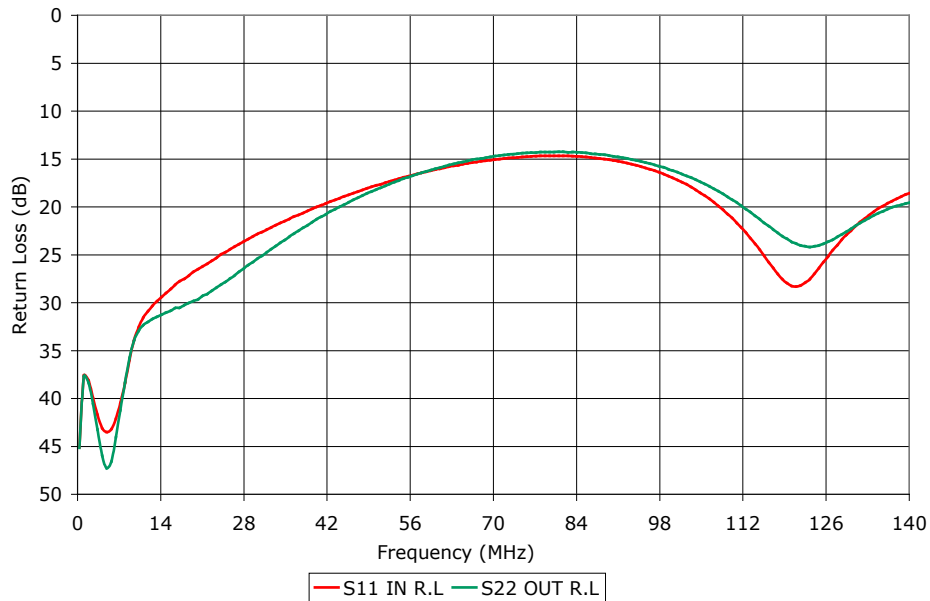
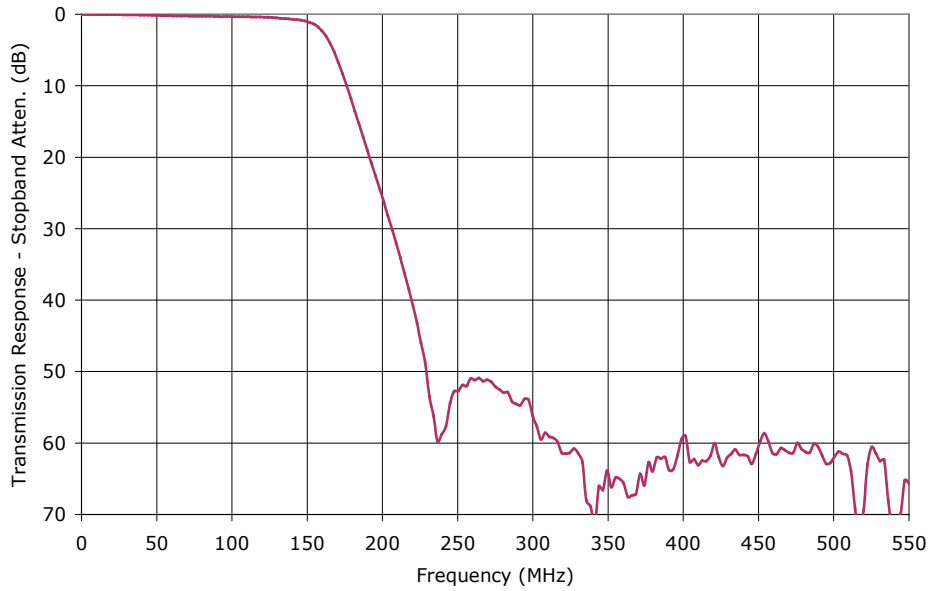
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