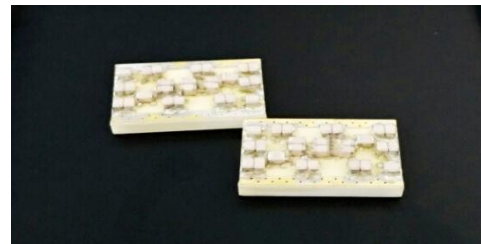


Model	Center insertion loss (dB)	BW1dB (MHz)	Out-of-band atten (dB)	Chip size (mm)
4CBBP32R5-41R5-S1	2.0	32.5-41.5	≥40dB@21&49.5MHz	14x9x4
6CBBP400-678-S1	1.0	400-678	≥40dB@330&820MHz	14x9x4
6CBBP950-1280-S1	1.5	950-1280	≥40dB@815&1390MHz	14x9x4
9CBLP700-S1	1.5	DC-700	≥40dB@785MHz	14x9x4
6CBBP100-280-S1	1.5	100-280	≥40dB@10&370MHz	14x9x4
6CBBP220-400-S1	1.5	220-400	≥40dB@130&490MHz	14x9x4
6CBBP340-660-S1	1.5	340-660	≥40dB@180&820MHz	14x9x4
6CBBP600-1020-S1	1.5	600-1020	≥40dB@390&1230MHz	14x9x4
6CBBP1025-1475-S1	1.5	1025-1475	≥40dB@800&1700MHz	14x9x4
4CBBP75U50-S1	1.0	50-100	≥40dB@22&128MHz	14x9x4
6CBBP200U200-S1	1.0	100-300	≥40dB@25&420MHz	14x9x4
6CBBP475U350-S1	1.0	300-650	≥40dB@125&825MHz	14x9x4
6CBBP800U400-S1	1.5	600-1000	≥40dB@380&1200MHz	14x9x4
4CBLP100-S1	1.5	DC-100	≥40dB@200MHz	14x9x4
6CBBP750U600-S1	1.5	450-1050	≥40dB@150&1350MHz	14x9x4
7CBLP2000-S1	1.5	DC-2000	≥30dB@2600MHz	14x9x4
7CBHP800-S1	1.5	800-2300	≥40dB@350MHz	14x9x4
6CBBP114-136-S1	2.0	114-136	≥40dB@88&155MHz	14x9x4

## Product Description

The ultra-thin LC filter uses a multilayer ceramic process to integrate inductors and capacitors into the substrate, compared to conventional LC filters:

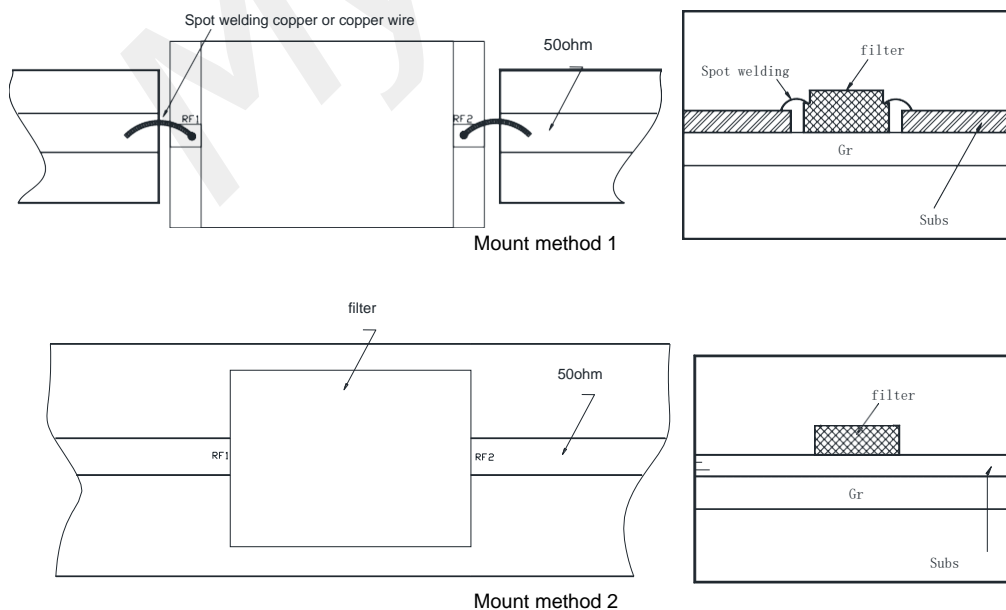
- The dimension is reduced by 70% and the weight is reduced by 60%;
- 2. Simple mechanical size and high reliability;
- 3. The volume production speed is fast and the volume cost is reduced by 40%.



Traditional LC filter ultra-thin LC filter

## Assembly and Notes

- The Filter is recommended to be sintered by reflow soldering process, the temperature does not exceed 210 ° C;
- The input and output default being set to 50Ω;
- The Filter can be provided with an electromagnetic shielding cover. If necessary, please inquiry the supplier
- Special performance and environmental applications can be customized as needed;
- There are two ways to mount the product: one is surface mount installation, the other is spot welding copper or copper wire installation; customers can customize according to actual conditions.



## Typical test curve

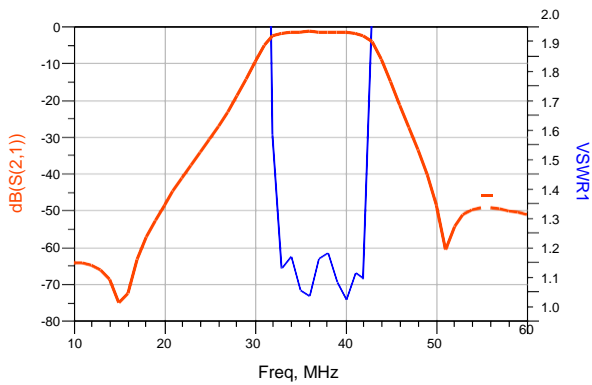


Fig1 4CBBP32R5-41R5-S1 Type Filter

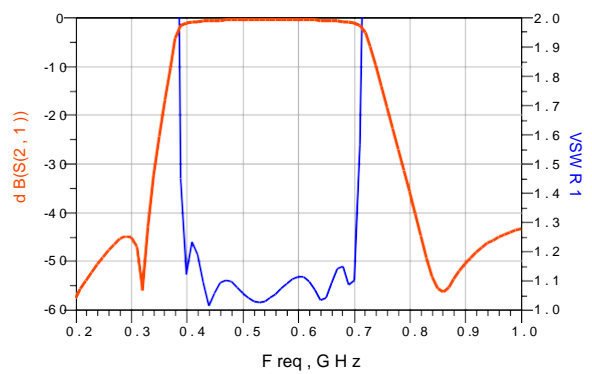


Fig2 6CBBP400-678-S1 Type Filter

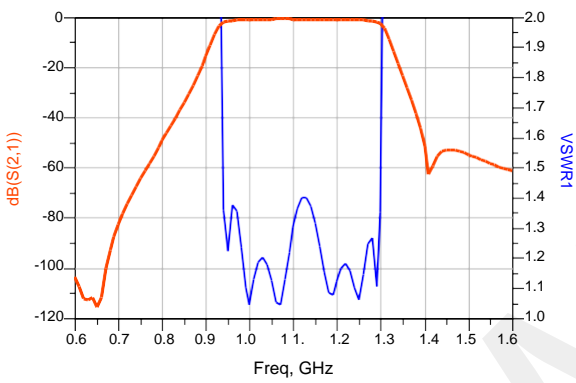


Fig3 6CBBP950-1280-S1 type Filter

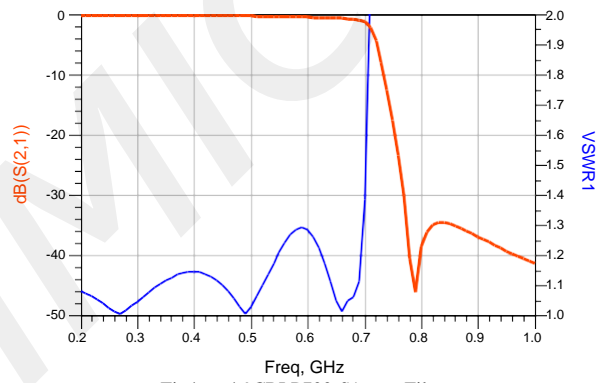


Fig4 4 9CBLP700-S1 type Filter