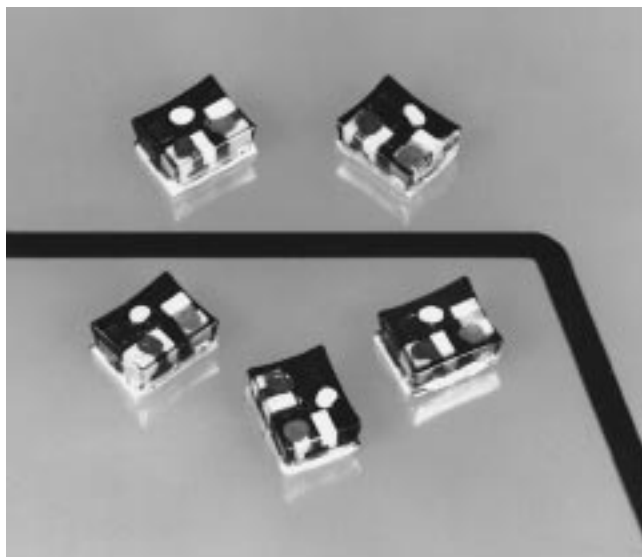


Surface Mount LC Filters



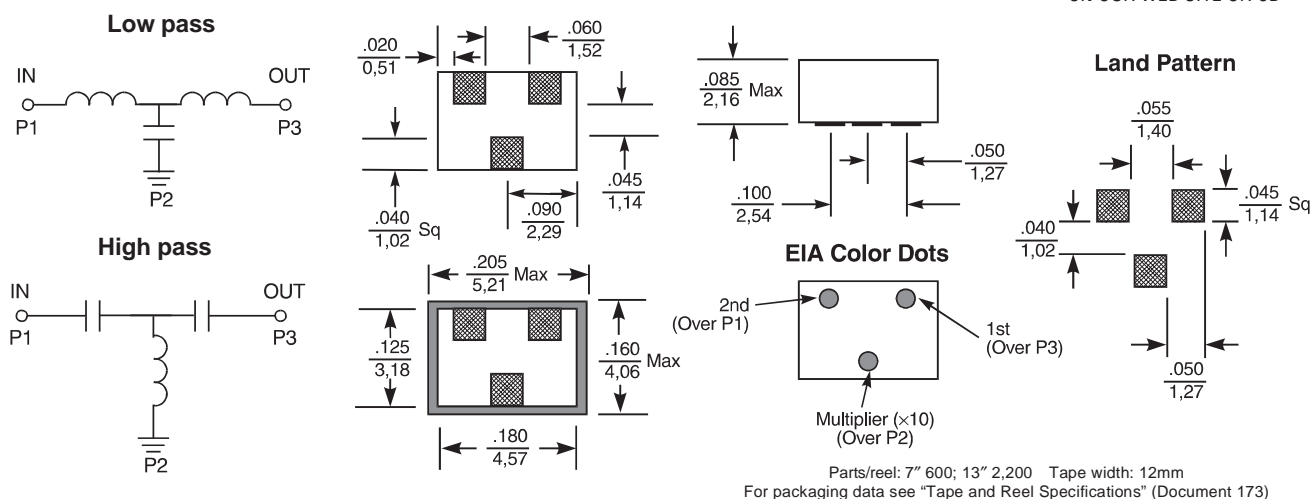
These space saving low and high pass filters are pre-tuned, tight tolerance modules which serve a wide variety of filtering requirements.

They feature 3rd order Butterworth alignment, less than 0.3 dB insertion loss, and a compact, 1812-size construction ideally suited for auto insertion and reflow soldering.

- 3rd order Butterworth alignment
- 50 Ohm characteristic impedance
- Less than 0.3 dB insertion loss

Coilcraft **Designer's Kit D102** contains samples of all low pass filters as well as values from our leaded LC filter series. To order, contact Coilcraft.

S-Parameter files
ON OUR WEB SITE OR CD



LOW PASS FILTERS

Part number	-3 dB Cutoff	Idc (mA)*
S3LP156	15 MHz	200
S3LP306	30 MHz	300
S3LP606	60 MHz	300
S3LP157	150 MHz	400
S3LP307	300 MHz	400
S3LP507	500 MHz	500
S3LP807	800 MHz	500

* For 15°C rise
Operating temperature range -40°C to +85°C.

HIGH PASS FILTERS

Part number	-3 dB Cutoff	Idc (mA)*
S3HP156	15 MHz	300
S3HP306	30 MHz	300
S3HP606	60 MHz	300
S3HP157	150 MHz	300
S3HP307	300 MHz	300
S3HP507	500 MHz	500
S3HP807	800 MHz	500

* For 15°C rise
Operating temperature range -40°C to +85°C.

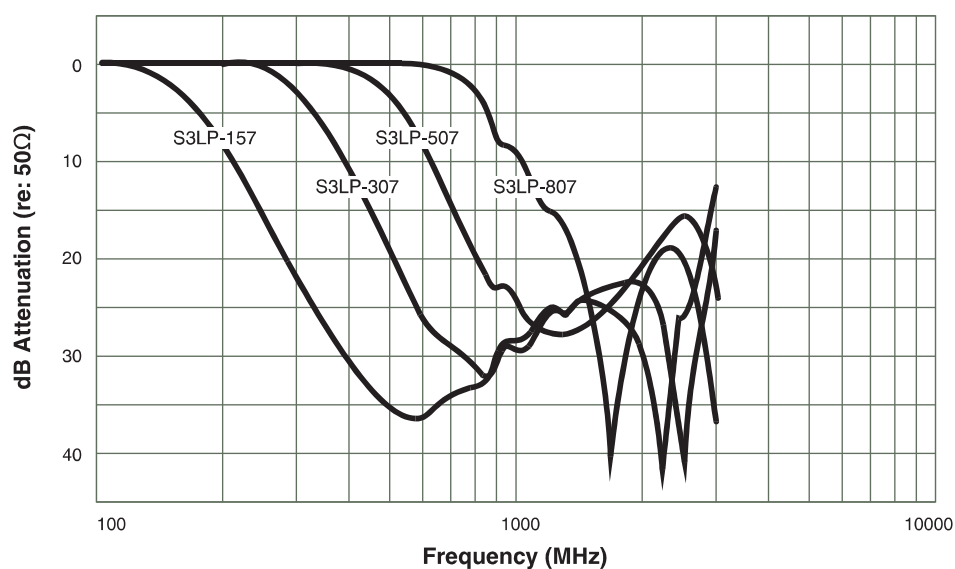
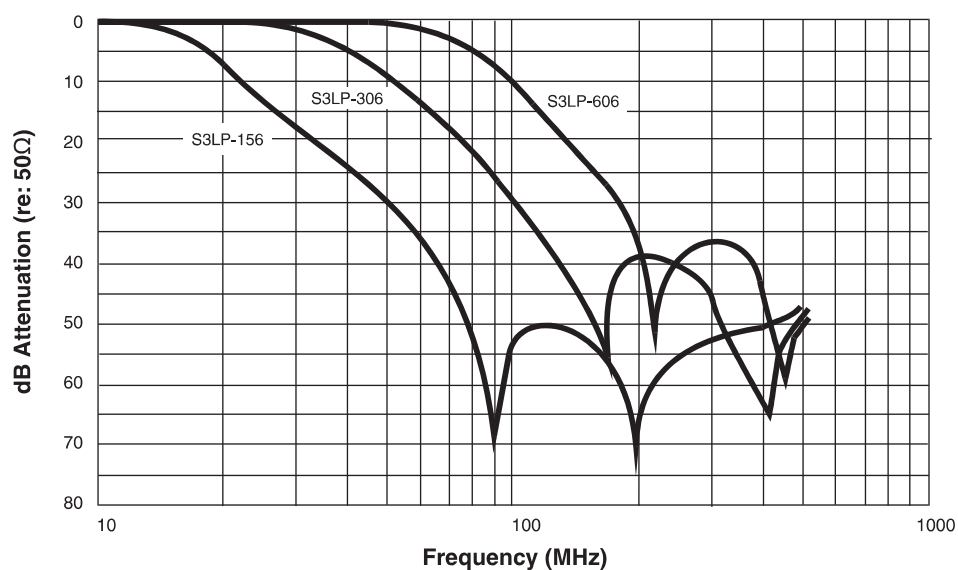
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Specifications subject to change without notice. Document 124-1 Revised 8/11/99

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Surface Mount LC Filters

FREQUENCY RESPONSE*



*measured on HP8753D network analyzer.

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