



SLF0905 SERIES – SMD Line Filters



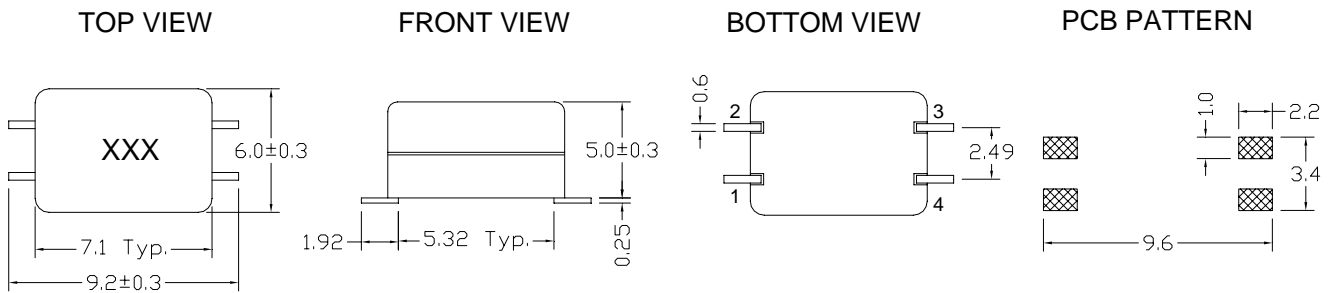
RoHS Compliant

PART NUMBERING SYSTEM

<u>SLF</u>	<u>0905</u>	–	<u>110P</u>	–	<u>LF</u>
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

SHAPES , DIMENSIONS AND PCB LAYOUT

UNIT : mm



FEATURES

- Designed for low profile effective in space conscious applications .
- Ideal for low resistance filters have been designed for excellent electrical isolation .
- Application for provide common mode noise attenuation and for the suppression of EMI in data lines and signal lines .
- Lead free and RoHS compliant



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RoHS Compliant

SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (μ H)	INDUCTANCE (1-4) typ. (2-3 short)	DCR(Ω) (Max.) N1=N2	Rated Current (mA)	Test Frequency (MHz)
SLF0905-110P-LF	11 \pm 25%	0.05uH	0.12	500	100KHz/0.1V
SLF0905-250P-LF	25 \pm 25%	1.50uH	0.20	500	100KHz/0.1V
SLF0905-510P-LF	51 \pm 25%	2.00uH	0.30	500	100KHz/0.1V
SLF0905-471P-LF	470 \pm 25%	0.28uH	0.28	500	100KHz/0.1V
SLF0905-102P-LF	1000 \pm 25%	0.29uH	0.40	500	100KHz/0.1V
SLF0905-472P-LF	4700 \pm 25%	0.30uH	0.70	200	100KHz/0.1V

- Hi-Pot test : 250Vac 60Hz 3mA at 1 sec .
- Test equipment : Inductance value : HP4284A LCR meter
- Rated Voltage : 80Vac / 42Vac ; Rated current : 40°C temperature rise from 25°C ambient.
- Operating temperature range -40°C to +85°C . Electrical specifications at 25°C.
- Packing : 13" reel, machine-ready ,embossed plastic tape (1,000 parts per full reel).