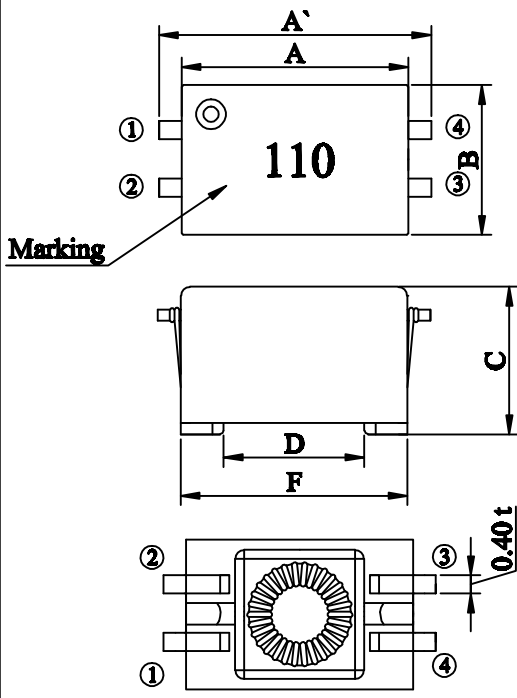


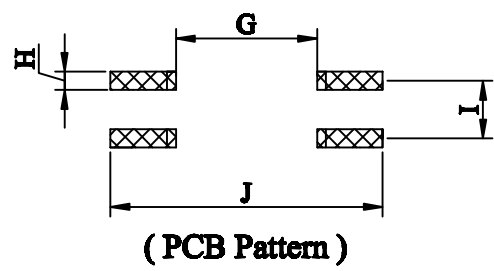
# SPECIFICATION FOR APPROVAL

<b>PROD. NAME</b>	<b>SMD LINE FILTER</b>	<b>DWG NO.</b>	<b>SLC0503□□□□L□</b>
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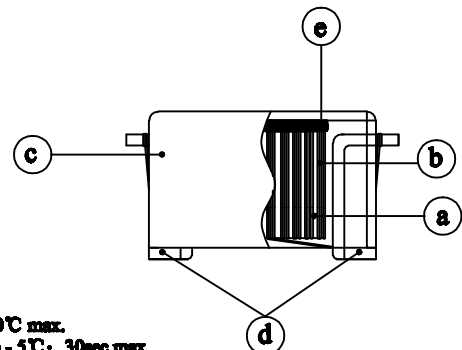
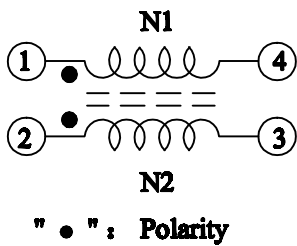
## I . CONFIGURATION & DIMENSIONS:



A' :	6.00 ± 0.3	m/m
A :	5.00 ± 0.3	m/m
B :	3.30 ± 0.3	m/m
C :	3.30 ± 0.2	m/m
D :	3.10	typ. m/m
E :	1.27	typ. m/m
F :	5.00	typ. m/m
G :	2.70	typ. m/m
H :	0.60	ref. m/m
I :	1.27	ref. m/m
J :	6.40	ref. m/m



## II . SCHEMATIC DIAGRAM:

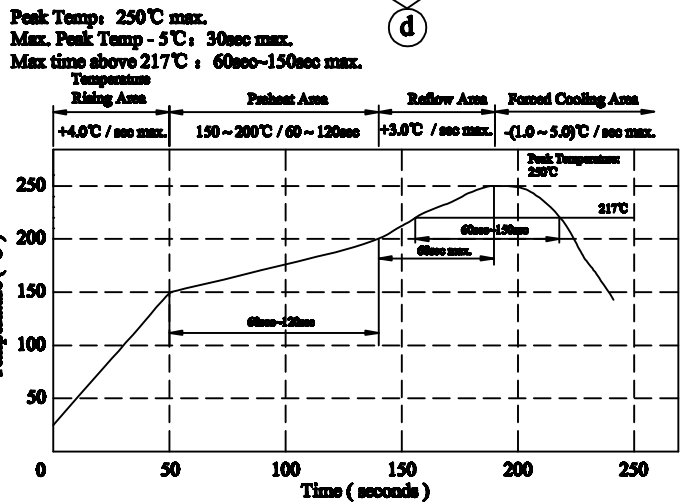


## III . MATERIAL DESCRIPTION:

- a . Core: Ferrite core
- b . Wire: Enamelled copper wire
- c . Base: LCP
- d . Terminal: Cu / Ni / Sn
- e . Adhesive: Epoxy resin
- f . Remark: Products comply with RoHS' requirements

## IV . GENERAL SPECIFICATION:

- a . Temp. rise: 25°C max. at rated current
- b . Storage temp.: -40°C — +125°C
- c . Operating temp. : -40°C — +105°C
- d . Resistance to solder heat: 250°C. 10 secs.



# SPECIFICATION FOR APPROVAL

<b>PROD. NAME</b>	<b>SMD LINE FILTER</b>	<b>DWG NO.</b>	<b>SLC0503□□□□L□</b>
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## V . ELECTRICAL CHARACTERISTICS:

DWG No.	L1 , L2 @ 10KHz , 0.1 Vrms ( $\mu$ H)	FREQ. Range (MHz)	Impedance min. ( $\Omega$ )	RDC( $\Omega$ ) ( Each Winding )		Rated Current(mA) typ.
				max.	typ.	
SLC0503110YL□	11.0 <sup>+50%</sup> <sub>-30%</sub>	100~400	450	0.18	0.13	100
SLC0503220YL□	22.0 <sup>+50%</sup> <sub>-30%</sub>	40~250	900	0.23	0.17	100
SLC0503330YL□	33.0 <sup>+50%</sup> <sub>-30%</sub>	30~180	1000	0.27	0.20	100
SLC0503500YL□	50.0 <sup>+50%</sup> <sub>-30%</sub>	20~60	1200	0.32	0.24	100

- 1). □: Packaging information ... **A:** Bulk **B:** Taping Reel
- 2). Rated voltage 50 Vdc / 100 Vdc(ref.)
- 3). Hi-Pot ( N-N ): 500 Vac / 60 Hz , 3 mA / 1sec.

## VI . CHARACTERISTICS CURVE:

### IMPEDANCE VS. FREQUENCY

