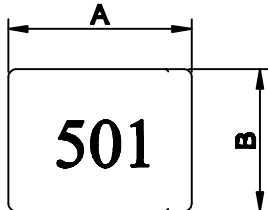


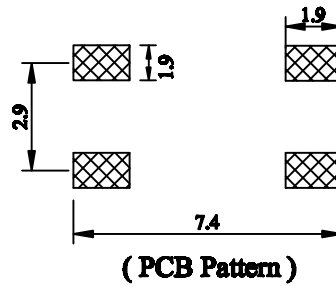
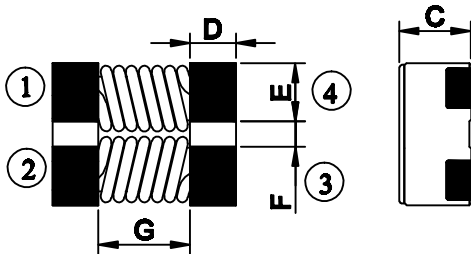
# SPECIFICATION FOR APPROVAL

<b>PROD. NAME</b>	<b>SMD LINE FILTER</b>	<b>DWG NO.</b>	<b>SLC7040501YLB</b>
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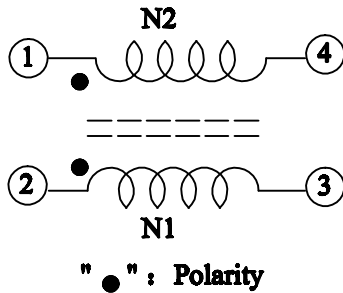
## I . CONFIGURATION & DIMENSIONS:



<b>A</b> :	<b>7.2 ± 0.3</b>	<b>m/m</b>
<b>B</b> :	<b>5.8 ± 0.3</b>	<b>m/m</b>
<b>C</b> :	<b>4.0 max.</b>	<b>m/m</b>
<b>D</b> :	<b>1.7 ref.</b>	<b>m/m</b>
<b>E</b> :	<b>1.7 ref.</b>	<b>m/m</b>
<b>F</b> :	<b>1.3 ref.</b>	<b>m/m</b>
<b>G</b> :	<b>3.6 ref.</b>	<b>m/m</b>



## II . SCHEMATIC DIAGRAM:



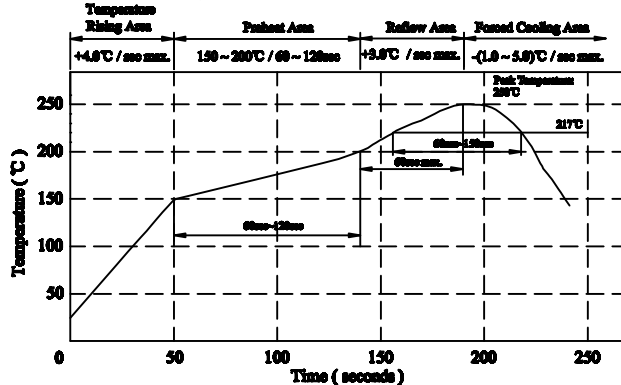
## III . MATERIALS:

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

## IV . GENERAL SPECIFICATION:

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

Peak Temp: 250°C max.  
 Max. Peak Temp - 5°C : 30sec max.  
 Max time above 217°C : 60sec-150sec max.



# SPECIFICATION FOR APPROVAL

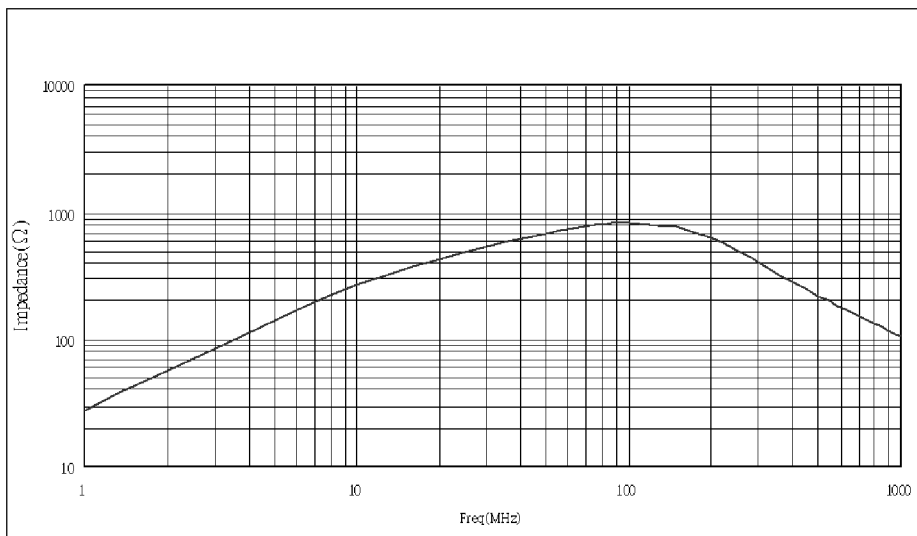
<b>PROD. NAME</b>	<b>SMD LINE FILTER</b>	<b>DWG NO.</b>	<b>SLC7040501YLB</b>
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## V . ELECTRICAL CHARACTERISTICS :

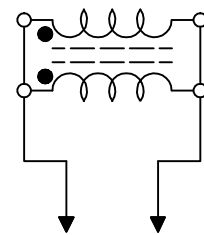
DWG No.	Inductance ( $\mu$ H) N1=N2 (0.1V/100KHz)	Impedance (Z) (at 100MHz)		Rated current (max.) (mA)	Rated Voltage (max.) (Vdc)	DC Resistance (max.) (m $\Omega$ )
		min. ( $\Omega$ )	typ. ( $\Omega$ )			
SLC7040501YL <input type="checkbox"/>	5.00	500	700	4000	80	15.0

- 1). : Packaging information ...  A: Bulk  B: Taping Reel
- 2). Test equipment : Inductance ( WK6440B, 0.1V/100KHz )
- 3). IDC : Base on Temp rise 40°C max.
- 4). Rated voltage 80 Vdc max.

## VI . IMPEDANCE CURVE:



### Measuring Circuit :



**RF Impedance  
Analyzer**