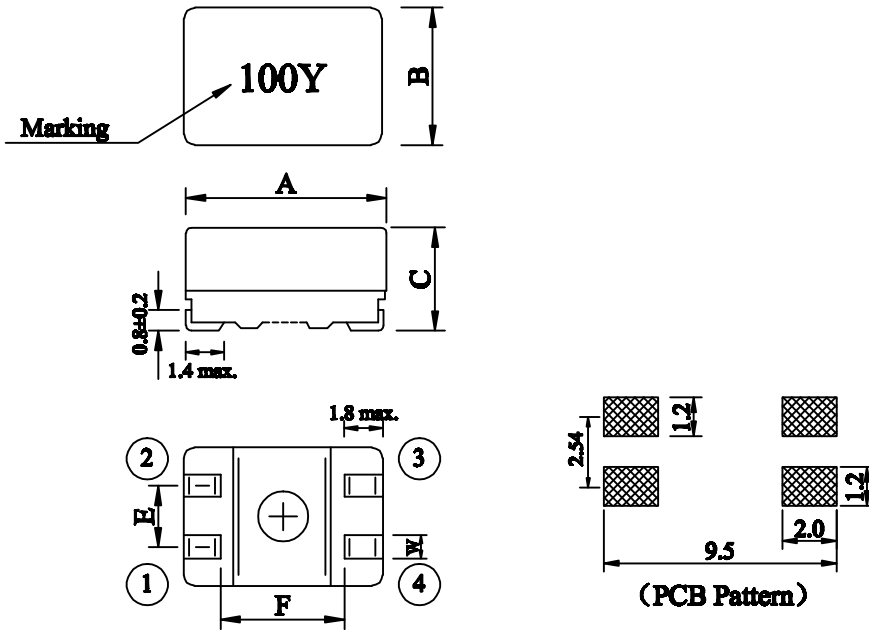


SPECIFICATION FOR APPROVAL

PROD. NAME	SMD Line Filter	DWG NO.	SLC0905□□□□L□
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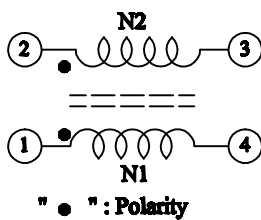
I . Configuration and dimensions:



Unit: m/m

A	B	C	E	F	W
9.20±0.3	6.00±0.3	5.00±0.3	2.54±0.2	5.70 ref.	1.00±0.1

II . Schematic diagram:



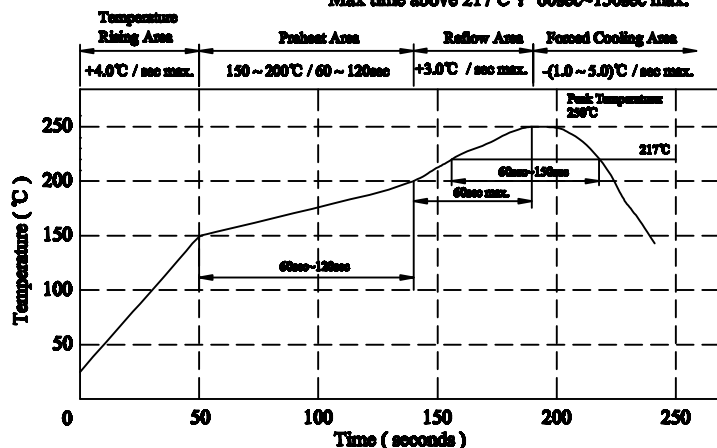
III . Description:

- a . Ferrite toroidal core construction.
- b . Enamelled copper wire
- c . Moisture sensitivity Level 1
- d . Products comply with RoHS' requirements
- e . Halogen free available

IV . General specification:

- a . Storage temp.: -40°C — +105°C
- b . Operating temp. : -40°C — +105°C
(Temp. rise included)
- c . 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

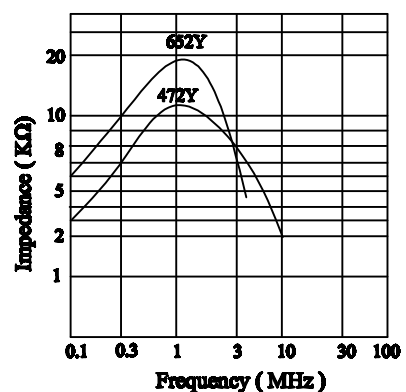
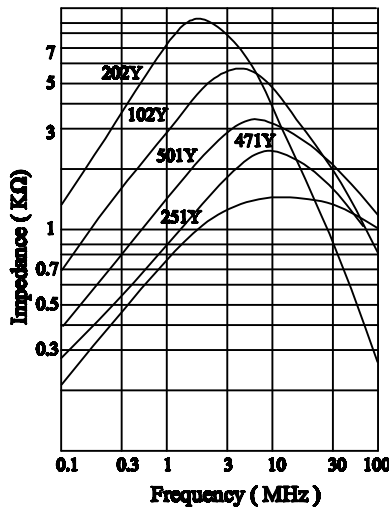
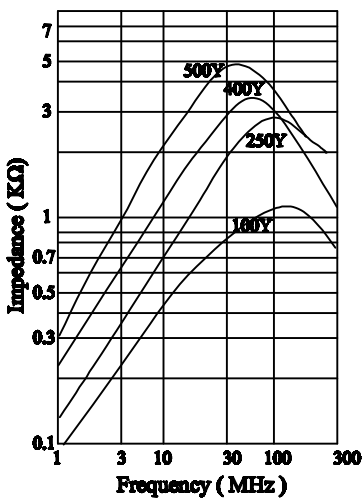
PROD. NAME	SMD Line Filter	DWG NO.	SLC0905□□□□L□
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V . Electrical characteristics:

Dwg. No.	Indductance L1, L2 (μ H)	Test condition	DC Resistance N1, N2 (Ω)	Nominal Voltage Vdc (V)	Rated current (A)	Impedance (Ω)	Freq. Range (MHz)
SLC0905100YL□	10 \pm 30%	0.1V,1KHz	0.08 max.	80	1.6	200 min.	20 ~ 300
SLC0905250YL□	25 \pm 30%	0.1V,1KHz	0.16 max.	80	1.0	600 min.	20 ~ 150
SLC0905400YL□	40 \pm 30%	0.1V,1KHz	0.25 max.	80	0.9	800 min.	20 ~ 100
SLC0905500YL□	50 \pm 30%	0.1V,1KHz	0.32 max.	80	0.8	1500 min.	20 ~ 100
SLC0905251YL□	250 \pm 50%	5mV,100KHz	0.13 max.	80	1.2	600 min.	3 ~ 20
SLC0905471YL□	470 \pm 50%	5mV,100KHz	0.14 max.	80	1.1	1000 min.	2 ~ 20
SLC0905501YL□	500 \pm 50%	5mV,100KHz	0.15 max.	80	1.0	1000 min.	1 ~ 20
SLC0905102YL□	1000 \pm 50%	5mV,100KHz	0.31 max.	80	0.8	1500 min.	1 ~ 15
SLC0905202YL□	2000 \pm 50%	5mV,100KHz	0.42 max.	80	0.6	3000 min.	1 ~ 5
SLC0905472YL□	4700 \pm 50%	5mV,100KHz	0.90 max.	80	0.4	4000 min.	0.3 ~ 3
SLC0905652YL□	6500 \pm 50%	5mV,100KHz	1.05 max.	80	0.3	5000 min.	0.3 ~ 2

- 1). □ } Packaging information: □ Code
- 2). Electrical specifications at 25°C
- 3). Irms base on Temp. rise 45°C max.
- 4). HI-Pot test (N1-N2) : 500Vac / 60Hz , 3mA , 3sec.

VI . Curve:



Measuring circuit :

