

SMD Common Mode Line Filter

FC-SLF0504 –Series

Small size

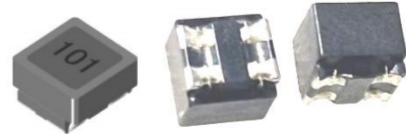
Insulation Resistance 10MΩ min

Frequency Range: 100kHz, 0.1 Vrms

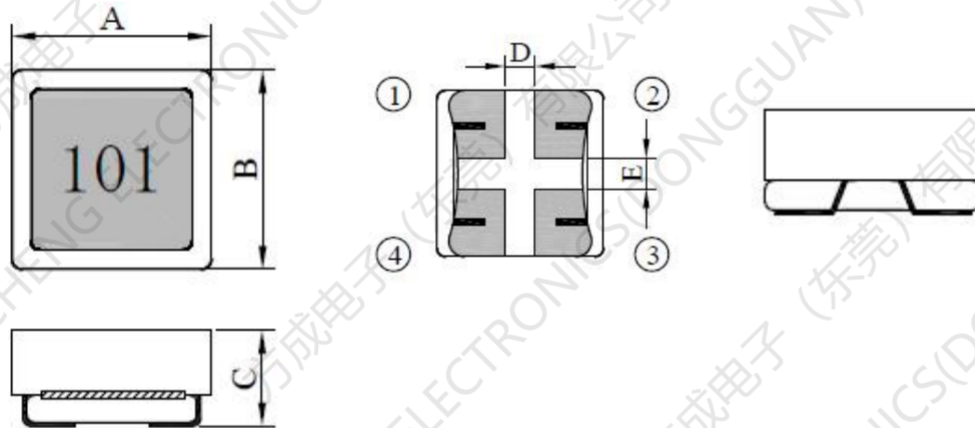
Low Primary DCR version

Ambient temperature -40°C to +85°C

Storage temperature Component: -40°C to +125°C

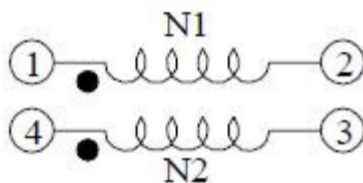


1. Dimensions:mm

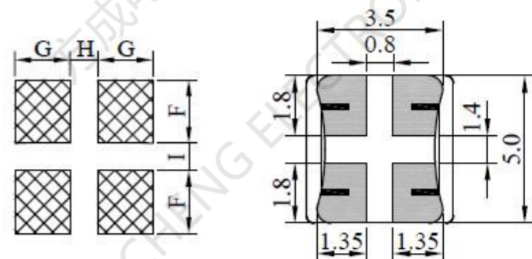


A	B	C	D	E	F	G	H	I
5.00 ±0.3	5.00 ±0.3	4.8 max.	0.80 typ.	1.00 typ.	2.30 typ.	1.60 ref.	0.80 ref.	1.00 ref.

2.Schematic:



3. : LAYOUT RECOMMENDATION



Unit : mm

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4. ELECTRIC CHARACTERICS

Number Part	Common mode impedance (at 100MHz , 20 degree C)	Current Rating2 (mA)	FREQ. (MHz)	RDC (mΩ)	Z / Max (Ω) typ
FC-SLF0504191	0.19 (typ.)	5000	100MHz	20	164.0
FC-SLF0504351	0.35 (typ.)	2000	100MHz	40	321.0
FC-SLF0504102	1.00 (typ.)	1500	100MHz	60	872.8
FC-SLF0504152	1.50 (typ.)	1000	100MHz	100	1292.0
FC-SLF0504302	3.00 (typ.)	500	100MHz	200	2940.0
FC-SLF0504302	4.00 (typ.)	200	100MHz	300	5620.0

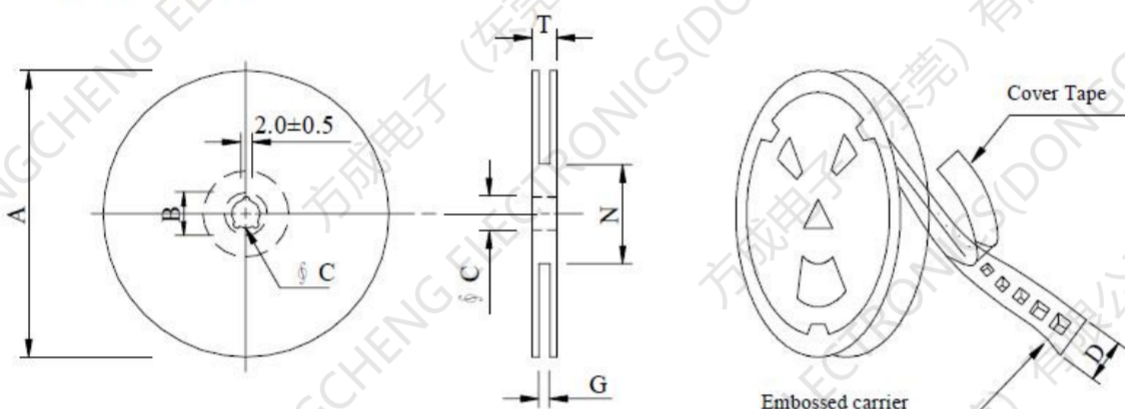
Rated voltage 50 Vdc ; Withstand Voltage 125Vdc

Insulation Resistance 10MΩ min. IDC base on Temp. rise 40℃ typ.

Inductance Test Condition.: 100kHz / 0.1V

5. PACKAGING INFORMATION:

(1) Configuration



※ Carrier Tape width : D

(2) Dimensions

Unit:m/m

Style	A	B	C	D	G	N	T
13 - 16	330	21±0.8	13±0.5	16	18 ⁺⁰	50 ⁻⁰	22.4

(3) Q'TY & G.W. Per package

Series	Inner : Reel			Outer : Carton		
	Q'TY (pcs)	G.W. (gw)	Style	Q'TY (pcs)	G.W. (Kg)	Size (cm)
SLF0504	1,000	350	13 - 16	6,000	3.0	40 x 40 x 24