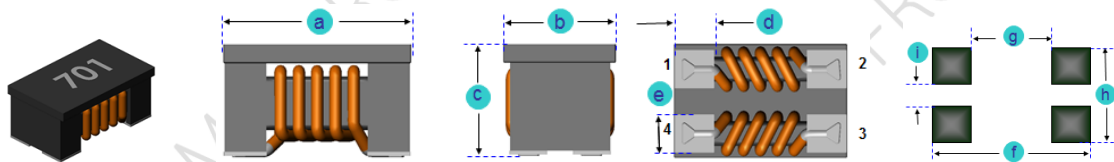


A. Electrical Specifications:

P/N	Impedance @100MHz (Ω)		DCR Max. (mΩ)	Rated Current Max.(A)	Rated Voltage (Vdc)	Insulation Resistance Min. (MΩ) @125Vdc
	Min.	Typ.				
SCM7038F-301_	225	300	10	5	80	10
SCM7038F-501_	300	500	13	4	80	10
SCM7038F-701_	500	700	15	4	80	10
SCM7038F-102_	800	1020	17	3	80	10

B. Dimensions: mm (Inch)

Series	a	b	c	d	e	f	g	h	i
SCM7038F	7.5 (0.295)	6.5 (0.256)	3.8 (0.150)	1.7 (0.067)	1.5 (0.059)	6.9 (0.272)	2.5 (0.098)	4.5 (0.177)	1.5 (0.059)
Tol.	Max.	Max.	Max.	±0.2 (0.008)	Typ.	Typ.	Typ.	Typ.	Typ.



C. Schematic:



D. General Information:

1. SCM7038F-xxx_ , “SCM7038F” = P/N, “xxx” = Impedance, “_” = Tolerance.
2. Tolerance “_” : M= ± 20%
3. Impedance measured with HP4291B RF Impedance Analyzer
4. DCR measured using the 16502 milliohm meter.
5. Operating temperature: -40°C to +105°C (Including self temp. rise).
6. Storage temperature: -40°C to +105°C
7. Impedance and Current Range: From 300 Ohms (5.0 A) to 1020 Ohms (3.0 A)
8. Unspecified values available on request.
9. MSL: Level 1.

E. Applications:

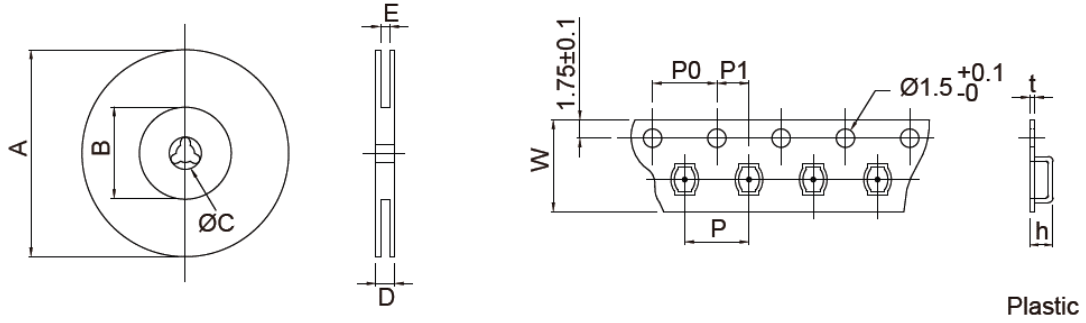
1. Use for power line noise suppression for any electronic devices.
2. Use to counter adapter/battery line noise for relatively large electronic devices such as Notebook PCs, Stand-alone Word Processors, etc.

F. Supplementary Information:

1. Packaging Information

CARRIER TAPE REELS

TAPE DIMENSIONS (mm)



SMD Common Mode Chip Coils

Series P/N	Reel dimensions (mm)					Tape dimensions (mm)						Parts per reel		Quantity per	
	A	B	C	D	E	W	P	P0	P1	h	t	7"	13"	Box	Carton
SCM7038F	340	100	13	22.4	16.5	16	12	4	2	4.25	0.35	---	1,000	2,000	6,000

2. RoHS Reflow Solder Profile

Typical RoHS Reflow Profile

