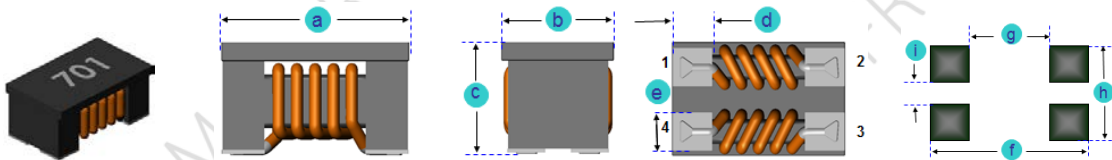


**A. Electrical Specifications:**

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 (5000 mA) to 1020 Ohms (3000 mA)
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.