

# Common Mode Choke Coil

## Fixed Coil for Surface Mounting

## SCF7060-38NC Series

### Construction

- Ferrite Material



### Features

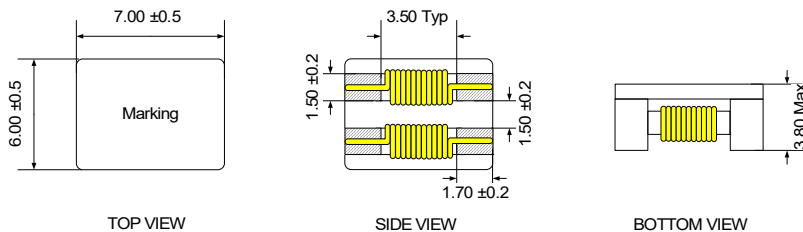
- Operating temperature  $-40 \sim +125^{\circ}\text{C}$   
(Including self - temperature rise)
- Qualified to AEC-Q200
- 100% Lead(Pb)& Halogen-Free and RoHS compliant
- High common mode impedance at high frequency effects excellent noise suppression performance.
- realizes small size and low profile



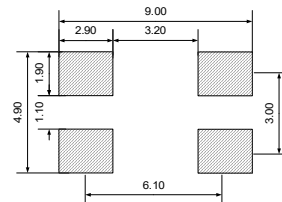
### Applications

- Power switch and servers
- USB communication
- Telecommunication applications
- Panel link for LCD panels
- Countering common mode noise affecting signals in high-speed lines

### Dimensions(Unit:mm)



### Recommended Land Pattern(Unit:mm)



### Electrical Characteristics

Ordering code	Inductance ( $\mu\text{H}$ ,100kHz,0.1V)	Impedance( $\Omega$ ,100MHz,0.1V)		DCR ( $\text{m}\Omega$ ,MAX)	Rated Current (A,MAX)	IR ( $\text{M}\Omega$ ,MIN)	Rated Voltage (V,MAX)	Marking
		MIN	TYP					
SCF7060-400-38NC	0.40 $\pm$ 50%	40	70	5.00	15.0	10.0	125.0	400
SCF7060-101-38NC	0.90 $\pm$ 50%	100	140	8.00	9.00	10.0	125.0	101
SCF7060-201-38NC	1.50 $\pm$ 50%	200	250	9.00	7.00	10.0	125.0	201
SCF7060-301-38NC	2.40 $\pm$ 50%	225	300	10.0	6.00	10.0	125.0	301
SCF7060-501-38NC	3.80 $\pm$ 50%	300	500	10.0	5.00	10.0	125.0	501
SCF7060-601-38NC	3.80 $\pm$ 50%	400	600	10.0	5.00	10.0	125.0	601
SCF7060-701-38NC	4.70 $\pm$ 50%	500	700	15.0	4.00	10.0	125.0	701
SCF7060-801-38NC	4.70 $\pm$ 50%	500	800	15.0	4.00	10.0	125.0	801
SCF7060-102-38NC	6.00 $\pm$ 50%	800	1020	17.0	3.00	10.0	125.0	102
SCF7060-132-38NC	8.00 $\pm$ 50%	910	1300	21.0	2.50	10.0	125.0	132

\*Specifications subject to change without notice. Please check our website for latest information.

Revised 23/09/25

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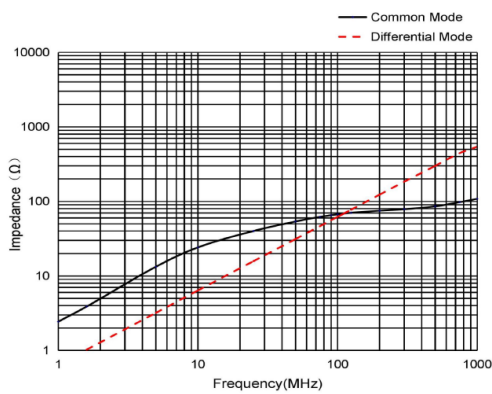
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## SCF7060-38NC Series

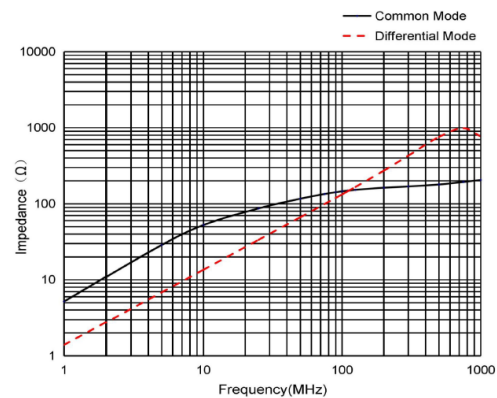
### Electrical Characteristics

Ordering code	Inductance ( $\mu\text{H}$ , 100kHz, 0.1V)	Impedance( $\Omega$ , 100MHz, 0.1V)		DCR (m $\Omega$ , MAX)	Rated Current (A, MAX)	IR (M $\Omega$ , MIN)	Rated Voltage (V, MAX)	Marking
		MIN	TYP					
SCF7060-202-38NC	12.0 $\pm$ 50%	1500	2000	50.0	1.50	10.0	125.0	202
SCF7060-272-38NC	14.0 $\pm$ 50%	2000	2700	63.0	1.00	10.0	125.0	272
SCF7060-302-38NC	19.0 $\pm$ 50%	2500	3000	75.0	0.90	10.0	125.0	302

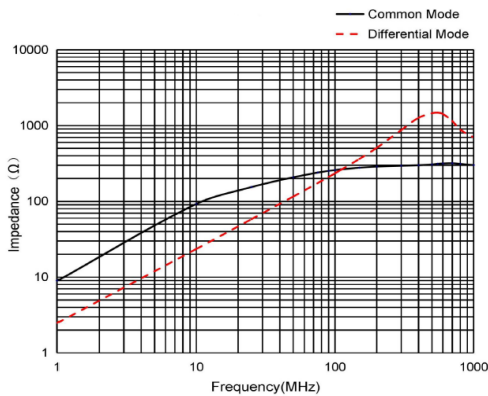
\*SCF7060-400-38NC



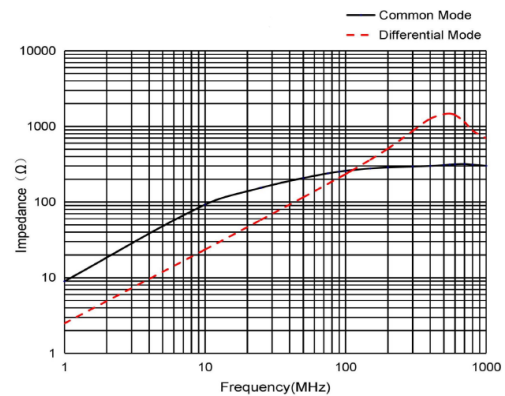
\*SCF7060-101-38NC



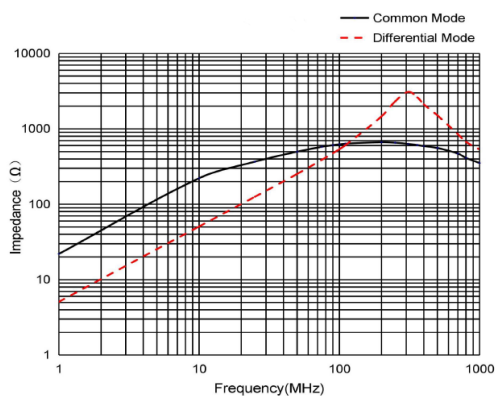
\*SCF7060-201-38NC



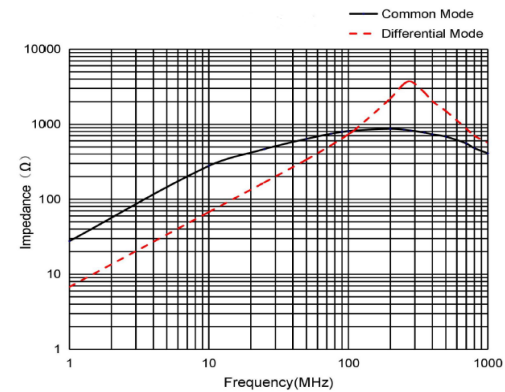
\*SCF7060-301-38NC



\*SCF7060-501/601-38NC



\*SCF7060-701/801-38NC



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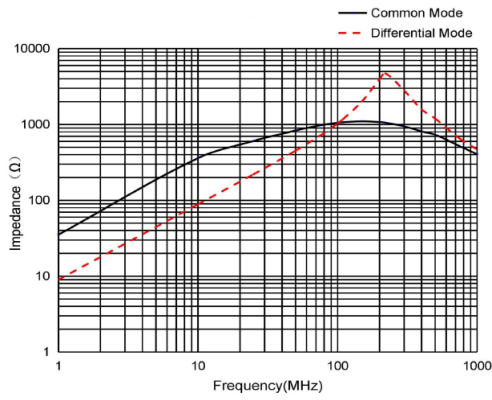
Revised 23/09/25

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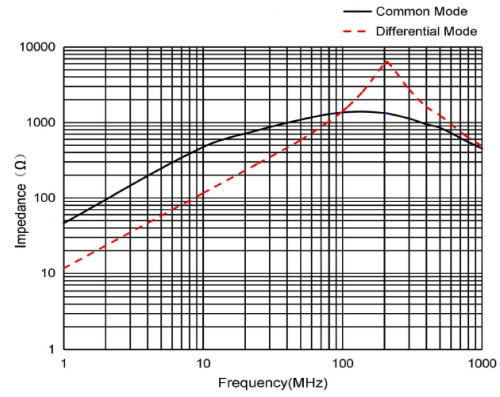
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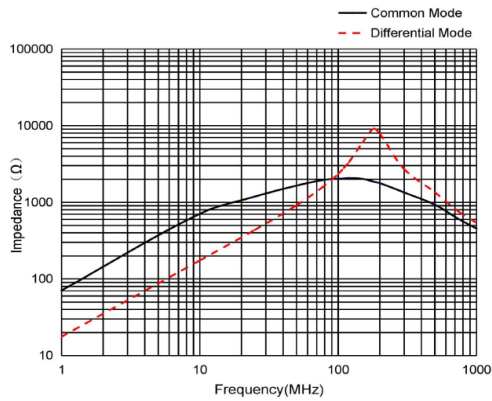
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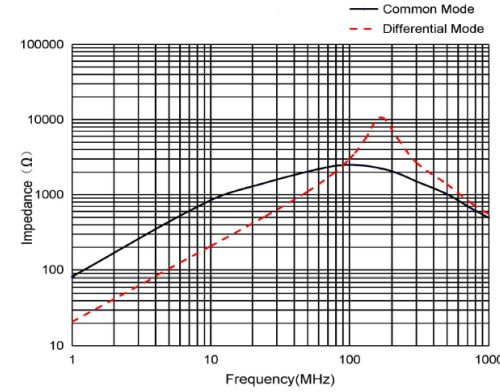
\*SCF7060-132-38NC



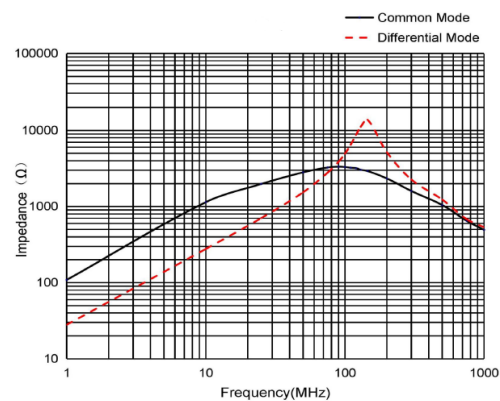
\*SCF7060-202-38NC



\*SCF7060-272-38NC



\*SCF7060-302-38NC



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