

SCM Series
SMD Common Mode Inductor
Size 4520



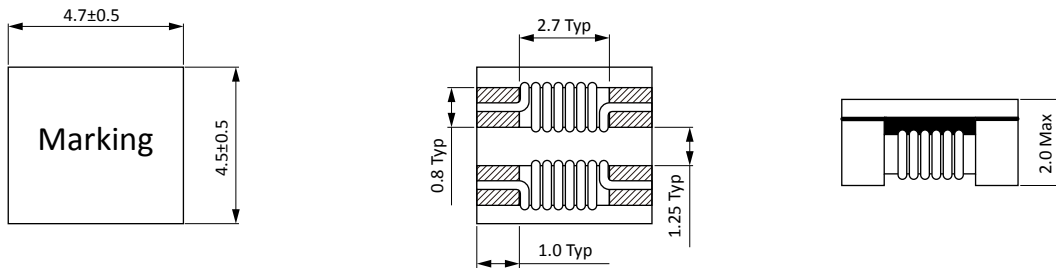
FEATURES

- Chip common mode filter for large current applications.
- Optimal for surface mounting with low profile 2.0 mm.
- The product series is designed for use up to 2.0A
- Operating temperature -40~+125 C

FEATURES

- Measures against common mode noise in power lines for various DC power lines, multimedia devices, and various electronic devices

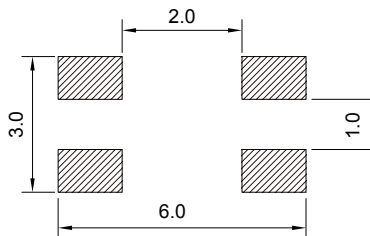
Dimensions: [mm]



Schematic:



Land Pattern: [mm]

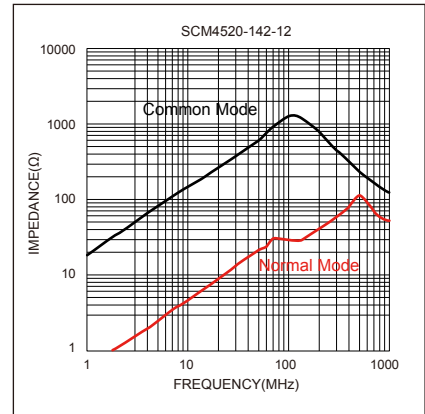
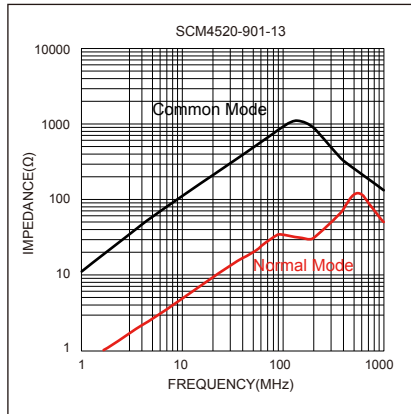
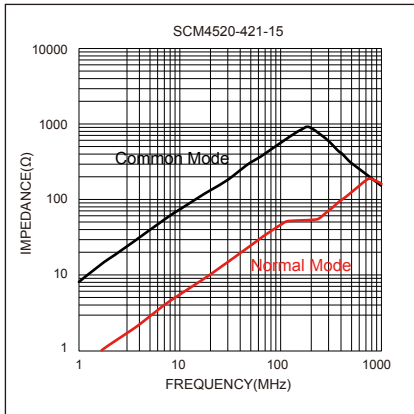


Electrical Properties:

Part No	Impedance @ 100 MHz Min. (Ω)	Impedance @ 100 MHz Typ. (Ω)	DC Resistance Max. (mΩ)	Rated Current Max. (A)	Rated Volt Max. (V)	IR Min. (MΩ)
SCM4520-900-20	60	90	35	2.0	125	10
SCM4520-301-17	200	300	45	1.7	125	10
SCM4520-421-15	300	420	50	1.5	125	10
SCM4520-701-14	500	700	59	1.4	125	10
SCM4520-901-13	650	900	68	1.3	125	10
SCM4520-102-13	800	1000	68	1.3	125	10
SCM4520-122-12	1000	1200	74	1.2	125	10
SCM4520-142-12	1200	1400	81	1.2	125	10

Typical Electrical Characteristics:

Impedance VS Frequency



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