

SC Coils – Small Type SC-G/GS Type

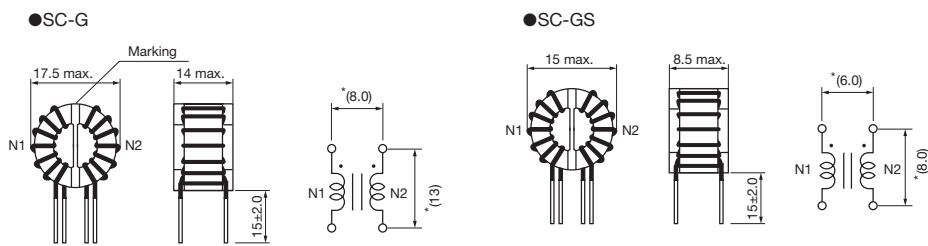
[RoHS Compliant]



Model	Rated current (A)	Inductance (mH) min.	DC resistance (mΩ/line) max.	Temperature rise (K) max.	Wire size (mmø)	Marking	Weight approx. (g)
SC-01-06G	1	0.6	60	40	0.4	106	5
SC-01-10G	1	1.0	70	40	0.4	110	5
SC-01-20G	1	2.0	100	40	0.4	120	5
SC-01-30G	1	3.0	120	40	0.4	130	6
SC-01-50G	1	5.0	150	40	0.4	150	7
SC-01-80G	1	8.0	300	40	0.35	180	6
SC-01-E100G *1,*2	1	10.0	350	40	0.35	100	6
SC-01-E121G *1,*2	1	12.0	400	40	0.35	121	6
SC-01-E150G *1,*2	1	15.0	450	40	0.35	—	6
SC-02-06G	2	0.6	50	40	0.5	206	6
SC-02-10G	2	1.0	50	40	0.5	210	7
SC-02-20G	2	2.0	70	40	0.5	220	8
SC-02-30G	2	3.0	85	40	0.5	230	9
SC-03-06G	3	0.6	30	40	0.6	306	7
SC-03-10G	3	1.0	35	40	0.6	310	8
SC-01-10GS *2	1	1.0	130	40	0.3	—	2
SC-01-20GS *2	1	2.0	180	40	0.3	—	2
SC-02-10GS *2	2	1.0	80	40	0.4	—	3
SC-03-05GS *2	3	0.5	45	45	0.45	—	3

- Rated voltage: 250VAC/VDC • Withstanding voltage: AC 2400V (2 sec between lines)
- Insulation resistance: at 500VDC, more than 100MΩ (between lines) • Thermal class: A (105°C) or *1E (120°C)
- Operating temperature range (°C): -25 to T (T=105-temperature rise *1T=120-temperature rise)
- Inductance measurement condition:100kHz, 1mA, KC547 (*1kHz, 1mA, KC547)

Shape and Dimensions



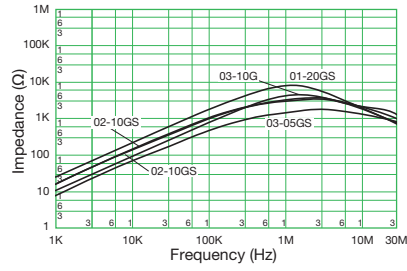
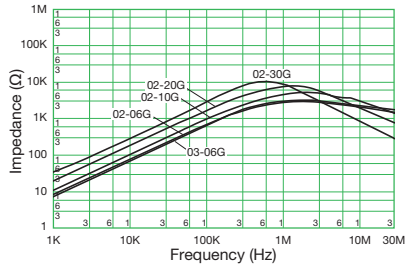
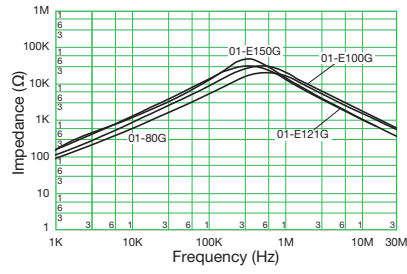
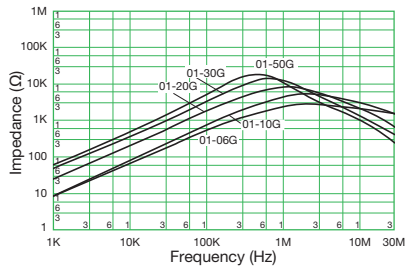
* Pin pitch are for reference only. Not guaranteed values.

[mm]



- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact TOKIN for updated product data.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.

Impedance Characteristics



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