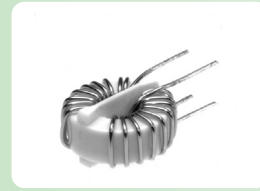


SC Coils – High Frequency Type

SC-D Type

[RoHS Compliant]

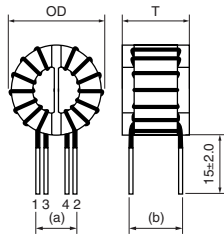


Model	Rated current (A)	Inductance (μH) min.	DC resistance (mΩ/line) max.	Temperature rise(K) max.	Finished dimensions(mm)		pin pitch (reference)		Wire size (mmφ)	Weight approx. (g)
					OD(max.)	T(max.)	a	b		
SC-02-D100	2	100	70	40	23	13	10	13	0.5	7
SC-03-D050	3	50	40	40	23	13	10	13	0.6	8
SC-04-D050	4	50	25	40	25	19	10	19	0.7	14
SC-05-D030	5	30	20	40	25	19	10	19	0.8	14
SC-08-D060	8	60	30	45	34	23	22	21	1.0	30
SC-10-D050	10	50	16	45	34	23	22	21	1.2	34
SC-15-D030	15	30	12	50	34	23	22	21	1.4	34
SC-20-D010	20	10	8	50	34	23	22	21	1.7	33

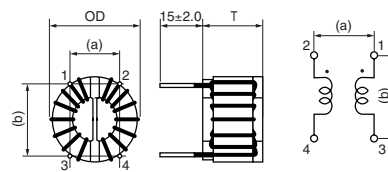
- Rated voltage: 250VAC/VDC • Withstanding voltage: 2400V (2 sec between lines)
- Insulation resistance: at 500VDC, more than 100MΩ (between lines) • Thermal class: A (105°C)
- Operating temperature range (°C): -25 to T (T=105-temperature rise) • Inductance measurement condition: 100kHz, 1mA, KC547
- Pin pitch are reference only. Not guaranteed values.

Shape and Dimensions

●SC-D vertical type (2A to 5A)



●SC-D horizontal type (8A to 20A)



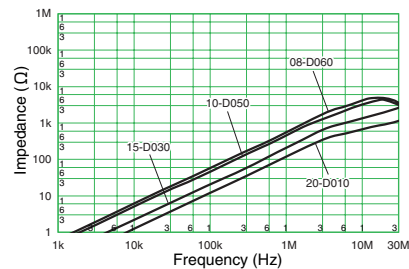
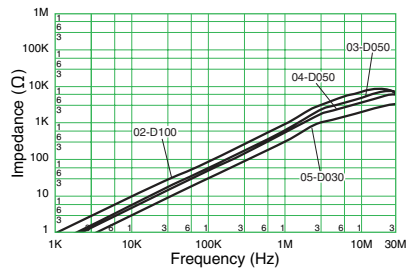
[mm]

Numbering System

SC - 02 - D 100
① ② ③

- ① 1 Rated current (A)
- ② Ni-Zn ferrite core
- ③ Inductance (μH)

Frequency characteristic



- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact NEC 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.