

SC Coils – Compact, High-Inductance Type SCF Type

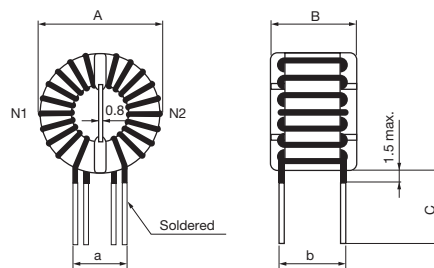
[RoHS Compliant]



Model	Rated current (A)	Wire size (mmφ)	Inductance (mH) min.	DC resistance (mΩ/line) max.	Temperature rise (K) max.	Finished dimensions (mm)			Weight approx. (g)	pin pitch (reference)	
						A (max.)	B (max.)	C		a	b
SCF-01-5000 *	1.0	0.35	50.0	390.0	60	15.0	12.0	15±2.0	5.0	—	—
SCF-02-1300 *	2.0	0.45	13.0	115.0	50	15.0	12.0	15±2.0	5.0	—	—
SCF-03-650 *	3.0	0.50	6.5	70.0	55	15.0	12.0	15±2.0	5.0	5	9
SCF-05-350 *	5.0	0.60	3.5	35.0	55	15.5	12.0	15±2.0	5.0	5	9
SCF20-05-550	5.0	0.80	5.5	28.0	50	25.0	15.5	20±2.5	11.4	14	12
SCF20-05-1100	5.0	0.80	11.0	39.0	70	25.0	15.5	20±2.5	13.5	14	12
SCF25-06-2000	6.0	1.10	20.0	26.0	45	32.0	23.0	10±2.5	41.5	13	20
SCF25-08-1300	8.0	1.20	13.0	18.0	50	32.0	23.0	10±2.5	41.0	13	20
SCF27-10-1300	10.0	1.30	13.0	15.0	55	35.0	24.0	15±3.0	47.0	24	20
SCF27-15-700	15.0	1.50	7.0	10.0	70	36.0	24.0	15±3.0	48.0	24	20

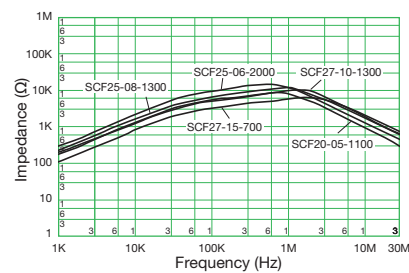
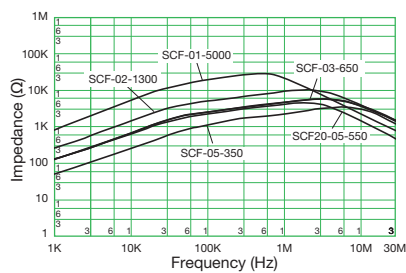
- Rated voltage: 250VAC/VDC (Models with *** have insulation distance designed value of equal or greater than 2.6mm)
- Withstanding voltage: AC 2400V (2 sec between lines) • Operating temperature range (°C): -25 to T (T=120-temperature rise)
- Thermal class: E (120°C) • Inductance measurement condition: 10kHz, 1mA, KC547
- Pin pitch are reference only. Not guaranteed values.

Shape and Dimensions



[mm]

Impedance Characteristics



- 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.