LINE CHOKES, POWDERED IRON CORE TYPE (SF CORE)
SF COILS

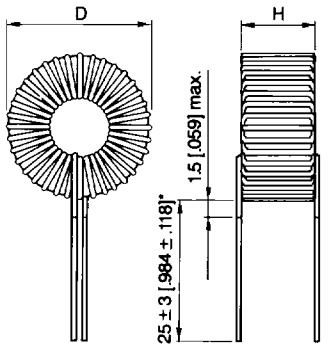
TDK SF core features a high saturated magnetic flux density. It is an advanced core material which sufficiently complies with the requirements for the prevention of EMI pulse. TDK has not only developed the automatic winding technology (higher inductance use) for the toroidal type core but also developed series of on-board type products which can maintain sufficient stability even under severe soldering conditions in order to deal with higher density mounting of circuits and to reinforce the EMI related regulations.

TYPICAL CHARACTERISTICS OF SF CORE

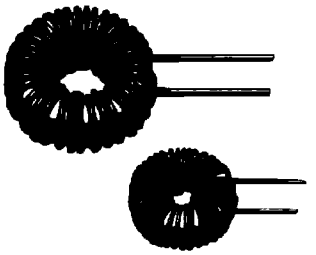
μ_{ac}		75 [at 300kHz]
$\tan\delta/\mu_{ac}$	$\times 10^{-3}$	3 [at 300kHz]
Applicable frequency	(MHz)	10 max.
Temperature stability	(%)	5.2 (−20 to +20°C [−4 to +68°F]) 5.2 (20 to 60°C [68 to 140°F])
B_{ms}*	(gauss)	14000 [at 300Oe]

**1mT: 10 gauss*

STANDARD TYPE



*SF-T3-20-01 : 20 ± 3 [.787 ± .118]
Dimensions in mm [inches]



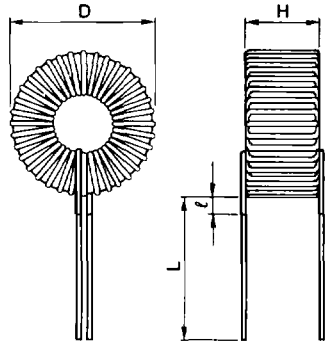
Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 ϕ(mm) [inches]	Dimensions (mm) [inches] D max.	Dimensions (mm) [inches] H max.	No. of turns (ts) ref.
SF-T3-20-01	1	10	40	0.4 [.016]	8.5 [.335]	6 [.236]	20
SF-T4-10-01	2	3.5	15	0.6 [.024]	13.5 [.531]	7.5 [.295]	10
SF-T5-17-01	2	10	30	0.55 [.022]	13.5 [.531]	8 [.315]	17
SF-T5-25-01	2	20	42	0.55 [.022]	13 [.512]	7 [.276]	25
SF-T5-30-03	1	30	80	0.4 [.016]	12.5 [.492]	6 [.236]	30
SF-T5-35-04	2	40	58	0.55 [.022]	13 [.531]	8 [.315]	35
SF-T5-60-01	1	110	280	0.4 [.016]	14 [.551]	9 [.354]	60
SF-T8-30S	2	26	55	0.6 [.024]	17 [.669]	9.5 [.374]	30
SF-T8-40S	2	46	70	0.6 [.024]	17 [.669]	9.5 [.374]	40
SF-T8-50S	2	72	85	0.6 [.024]	17 [.669]	9.5 [.374]	50
SF-T8-85S-01	1	240	200	0.45 [.018]	18 [.709]	11 [.433]	85
SF-T8-90S-01	1	200	150	0.6 [.024]	18 [.709]	11 [.433]	90
SF-T8-110S-01	1	350	300	0.45 [.018]	17.5 [.689]	10 [.394]	110
SF-T8-60L-02	2	200	115	0.6 [.024]	19 [.748]	11 [.433]	60
SF-T8-70L-01	1	310	400	0.45 [.018]	18 [.709]	10.5 [.413]	70
SF-T8-70L-02	2	260	160	0.55 [.022]	19 [.748]	11 [.433]	70
SF-T8-30D	2	45	70	0.6 [.024]	17 [.669]	12 [.472]	30
SF-T8-40D	2	80	85	0.6 [.024]	17 [.669]	12 [.472]	40
SF-T8-50D	2	125	100	0.6 [.024]	17 [.669]	12.5 [.492]	50
SF-T8-70D-02	1	270	150	0.6 [.024]	19 [.748]	13 [.512]	70
SF-T10-30	3	40	40	0.8 [.031]	22 [.866]	12.5 [.492]	30
SF-T10-40	3	72	50	0.8 [.031]	23 [.906]	12.5 [.492]	40
SF-T10-50	3	110	70	0.8 [.031]	23 [.906]	12.5 [.492]	50
SF-T10-60-01	3	160	80	0.8 [.031]	24 [.945]	13 [.512]	60
SF-T10-75-01	2	230	120	0.6 [.024]	22 [.866]	12 [.472]	75
SF-T10-80-01	2	280	160	0.6 [.024]	22 [.866]	12 [.472]	80
SF-T12-30	5	35	30	1 [.039]	26 [1.024]	12 [.472]	30

**1. LCR meter: YHP4261A, 1kHz, (L ≦ 190μH: 70mA, L > 190μH: 10mA) *2. UEW (Grade 1)*

Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 φ(mm) [inches]	Dimensions (mm) [inches]		No. of turns (ts) ref.
					D max.	H max.	
SF-T12-40	5	64	40	1 [.039]	26 [1.024]	12.5 [.492]	40
SF-T12-50	5	100	50	1 [.039]	26 [1.024]	13 [.512]	50
SF-T12-60-05	5	140	50	1 [.039]	27 [1.063]	14 [.551]	60
SF-T12-75-02	5	200	60	1 [.039]	27 [1.063]	14 [.551]	75
SF-T12-95-01	3	380	110	0.8 [.031]	26.5 [1.043]	13.5 [.531]	95
SF-T12-130-01	1	700	300	0.6 [.024]	26 [1.024]	12.5 [.492]	130
SF-T12-75D-01	3	350	115	0.8 [.031]	29 [1.142]	17 [.669]	75
SF-T12-85D-01	2	470	150	0.7 [.028]	29 [1.142]	17 [.669]	85
SF-T13-110-01	2	800 ± 20%	150	0.8 [.031]	32 [1.260]	18 [.709]	110
SF-T13-60-03	5	240	55	1 [.039]	30 [1.181]	15 [.591]	60
SF-T15-85L-03	5	600	120	1 [.039]	35 [1.378]	20 [.787]	85

*1. LCR meter: YHP4261A, 1kHz, (L ≦ 190μH: 70mA, L > 190μH: 10mA) *2. UEW (Grade 1)

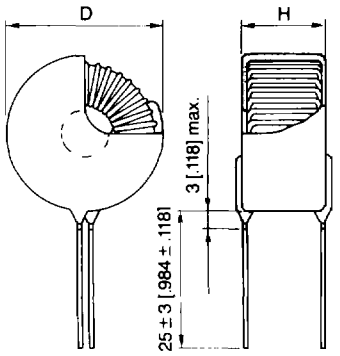
STANDARD TYPE FOR LARGE CURRENT



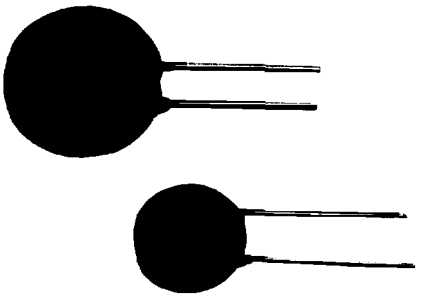
Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 φ(mm) [inches]	Outer dimensions (mm) [inches]				No. of turns (ts) ref.
					D max.	H max.	L	ℓ max.	
SF-T13-20-01	10	25	15	1.3 × 2 [.051 × .079]	32 [1.260]	17 [.669]	25 ± 3 [.984 ± .118]	3	20
SF-T13-35-01	10	65	30	1.6 [.063]	31 [1.220]	18.5 [.728]	25 ± 3 [.984 ± .118]	3	35
SF-T15-40L-01	8	100	20	1.5 [.059]	33.5 [1.319]	18 [.709]	20 ± 3 [.787 ± .118]	3	40
SF-T15-50L-04	5	180	60	1.2 [.047]	33 [1.299]	18 [.709]	25 ± 3 [.984 ± .118]	3	50

*1. LCR meter: YHP4261A, 1kHz, 70mA *2. PEW (Grade 1)

MOLDED TYPE



Dimensions in mm [inches]

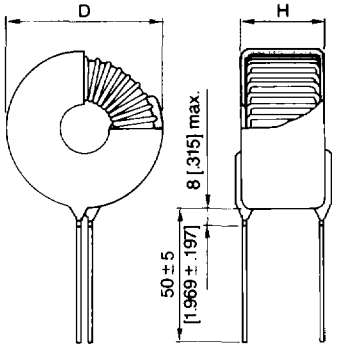


Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 ϕ(mm) [inches]	Dimensions (mm) [inches]		No. of turns (ts) ref.
					D max.	H max.	
SF-T8-30SM	2	26	55	0.6 [.024]	19 [.748]	11 [.433]	30
SF-T8-40SM	2	46	70	0.6 [.024]	20 [.787]	11 [.433]	40
SF-T8-50SM	2	72	85	0.6 [.024]	20 [.787]	11 [.433]	50
SF-T8-30DM	2	45	70	0.6 [.024]	19 [.748]	13 [.512]	30
SF-T8-40DM	2	80	85	0.6 [.024]	20 [.787]	15 [.591]	40
SF-T8-50DM	2	125	100	0.6 [.024]	20 [.787]	15 [.591]	50
SF-T10-30M	3	40	40	0.8 [.031]	24 [.945]	13 [.512]	30
SF-T10-40M	3	72	50	0.8 [.031]	25 [.984]	14 [.551]	40
SF-T10-50M	3	110	70	0.8 [.031]	25 [.984]	14 [.551]	50
SF-T12-30M	5	35	30	1 [.039]	30 [1.181]	15 [.591]	30
SF-T12-40M	5	64	40	1 [.039]	30 [1.181]	15 [.591]	40
SF-T12-50M	5	100	50	1 [.039]	30 [1.181]	15 [.591]	50

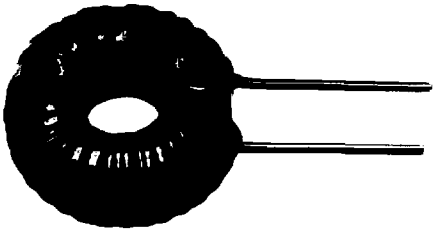
**1. LCR meter: YHP4261A, 1kHz, 70mA *2. UEW (Grade 1)*

- *Be cautions when handling molded types since the coating might crack or peel off if the lead wire is pulled in a right angle. However, even if the coating cracks or peels off, there will be no damage to the electrical characteristics.*

MOLDED TYPE FOR LARGE CURRENT



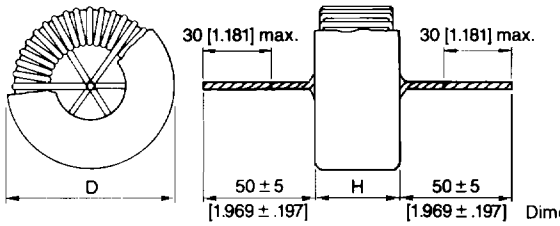
Dimensions in mm [inches]



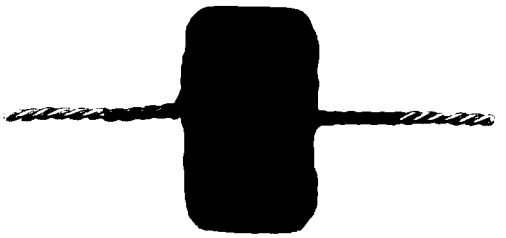
Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 ϕ(mm) [inches]	Dimensions (mm) [inches]	
					D max.	H max.
SF-HP-6A-01	6	100	40	1.2 [.047]	35 [1.378]	20 [.787]
SF-HP-8A-01	8	100	25	1.5 [.059]	37 [1.457]	20 [.787]
SF-HP-10A-01	10	60	20	1.8 [.071]	52 [2.047]	25 [.984]
SF-HP-15A-01	15	60	20	2.3 [.091]	60 [2.362]	28 [1.102]

**1. LCR meter: YHP4261A, 1kHz, 70mA *2. PEW (Grade 1)*

VARNISHED AND TAPED TYPE FOR LARGE CURRENT



Dimensions in mm [inches]

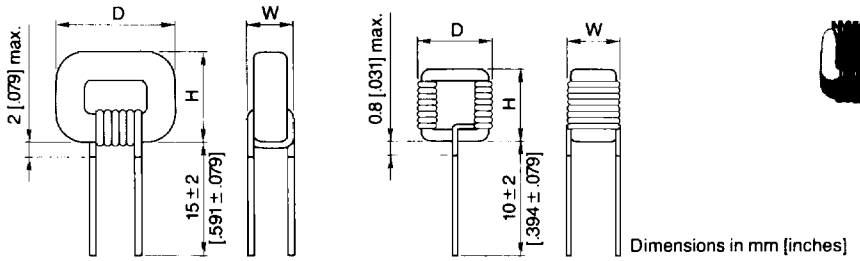


Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 φ(mm) [inches]	Dimensions (mm) [inches]	
					D max.	H max.
SF-HP-20A-01	20	60	15	1.8 [.071] × 2	70 [2.756]	28 [1.102]
SF-HP-30A-01	30	60	10	1.8 [.071] × 3	72 [2.835]	43 [1.693]
SF-HP-40A-01	40	60	10	1.8 [.071] × 3	72 [2.835]	60 [2.362]
SF-HP-60A-01	60	60	10	2 [.079] × 3	72 [2.835]	60 [2.362]

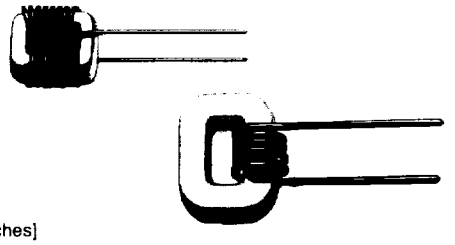
*1. LCR meter: YHP4261A, 1kHz, 70mA *2. PEW (Grade 1)

• When coil temperature exceeds 100°C [212°F], please use forced cooling as well.

SQUARE CORE TYPE



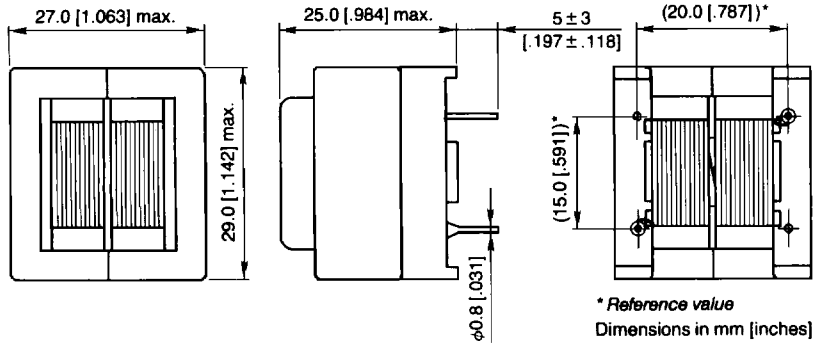
Dimensions in mm [inches]



Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 φ(mm) [inches]	Dimensions (mm) [inches]		
					D max.	H max.	W max.
SF-C27-00105-01	5	0.7	10	0.7 [.028]	15 [.591]	12 [.472]	6.5 [.256]
SF-C24-1001-01	1	10	100	0.28 [.011]	6.3 [.248]	6.5 [.256]	4.5 [.177]
SF-C24-0502-01	2	5	40	0.35 [.014]	6.3 [.248]	6.5 [.256]	4.5 [.177]

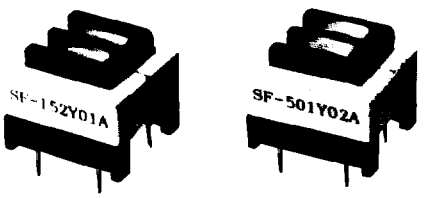
*1. LCR meter: YHP4261A, 1kHz, 70mA *2. UEW (Grade 1)

ON BOARD TYPE



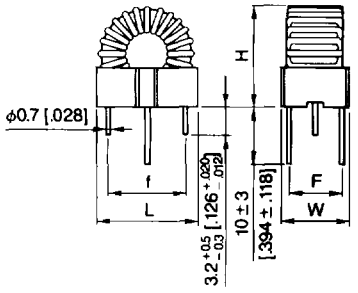
* Reference value

Dimensions in mm [inches]

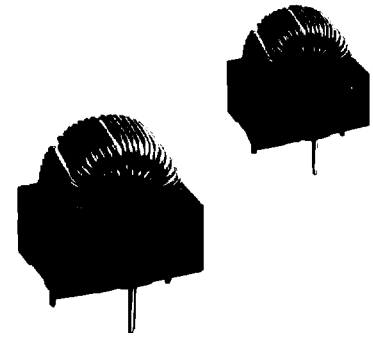


Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 φ (mm) [inches]
SF-EE28-152Y01A-01	1	1500	1000	0.5 [.020]
SF-EE28-501Y02A-01	2	500	300	0.7 [.028]
SF-EE28-201Y03A-01	3	200	150	0.8 [.031]

*1. LCR meter: YHP4261A, 1kHz (L ≦ 190μH: 70mA, L > 190μH: 10mA) *2. UEW (Grade 1)

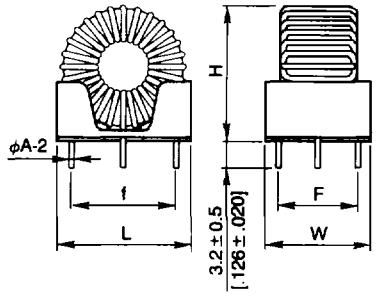


Dimensions in mm [inches]

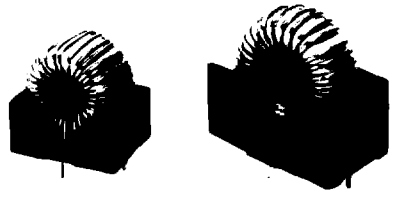


Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 ϕ(mm) [inches]	Dimensions (mm) [inches] L	W	H	F ref.	f
SF1-T3-20-03	1	10	40	0.4 [.016]	10 [.394]	9.3 [.366]	9.5 [.374]	7.4 [.291]	8.5 [.335]
SF1-T5-30-01	1	30	80	0.4 [.016]	13.5 [.531]	9 [.354]	15 [.591]	7.5 [.295]	10 [.394]
SF1-T5-35-01	1	40	90	0.4 [.016]	13.5 [.531]	9 [.354]	15 [.591]	7.5 [.295]	10 [.394]
SF1-T5-40-01	1	50	110	0.4 [.016]	13.5 [.531]	9 [.354]	15.5 [.610]	7.5 [.295]	10 [.394]
SF1-T8-30S-01	2	26	55	0.6 [.024]	18 [.709]	12.5 [.492]	18 [.709]	9.7 [.382]	14 [.551]
SF1-T8-40S-01	2	46	70	0.6 [.024]	18 [.709]	12.5 [.492]	18 [.709]	9.7 [.382]	14 [.551]
SF1-T8-50S-01	2	72	85	0.6 [.024]	18 [.709]	12.5 [.492]	18 [.709]	9.7 [.382]	14 [.551]
SF1-T8-30D-01	2	45	70	0.6 [.024]	18.5 [.728]	16 [.630]	18 [.709]	13 [.512]	14 [.551]
SF1-T8-40D-01	2	80	85	0.6 [.024]	18.5 [.728]	16 [.630]	18 [.709]	13 [.512]	14 [.551]
SF1-T8-50D-01	2	125	100	0.6 [.024]	18.5 [.728]	16 [.630]	18 [.709]	13 [.512]	14 [.551]

*1. LCR meter: YHP4261A, 1kHz, 70mA *2. UEW (Grade 1)

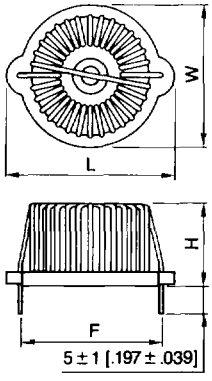


Dimensions in mm [inches]

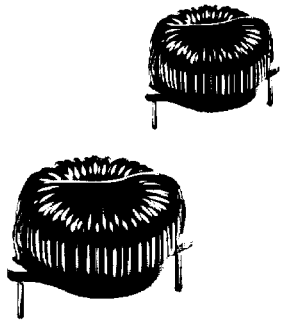


Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 ϕ(mm) [inches]	Dimensions (mm) [inches] L	W	H	F ref.	f	A
SF1-VT8-30S	2	26	55	0.6 [.024]	18 [.709]	12.5 [.492]	18 [.709]	9.9 [.390]	14 [.551]	0.7 [.028]
SF1-VT8-40S	2	46	70	0.6 [.024]	18 [.709]	12.5 [.492]	18 [.709]	9.9 [.390]	14 [.551]	0.7 [.028]
SF1-VT8-50S	2	72	85	0.6 [.024]	18 [.709]	12.5 [.492]	18 [.709]	9.9 [.390]	14 [.551]	0.7 [.028]
SF1-VT8-30D	2	45	70	0.6 [.024]	18 [.709]	15 [.591]	18 [.709]	11 [.433]	14 [.551]	0.7 [.028]
SF1-VT8-40D	2	80	85	0.6 [.024]	18 [.709]	15 [.591]	18 [.709]	11 [.433]	14 [.551]	0.7 [.028]
SF1-VT8-50D	2	125	100	0.6 [.024]	18 [.709]	15 [.591]	18 [.709]	11 [.433]	14 [.551]	0.7 [.028]
SF1-VT8-30LD	2	80	70	0.65 [.026]	19 [.748]	18 [.709]	22 [.866]	13 [.512]	14 [.551]	0.7 [.028]
SF1-VT8-55LD	2	250	110	0.65 [.026]	19 [.748]	18 [.709]	22 [.866]	13 [.512]	14 [.551]	0.7 [.028]
SF1-VT8-70LD	2	400	200	0.55 [.022]	19 [.748]	18 [.709]	22 [.866]	13 [.512]	14 [.551]	0.7 [.028]
SF1-VT10-30	3	40	40	0.8 [.031]	25.5 [1.004]	17 [.669]	24.5 [.965]	12.5 [.492]	20 [.787]	1 [.039]
SF1-VT10-40	3	72	50	0.8 [.031]	25.5 [1.004]	17 [.669]	24.5 [.965]	12.5 [.492]	20 [.787]	1 [.039]
SF1-VT10-50	3	110	70	0.8 [.031]	25.5 [1.004]	17 [.669]	24.5 [.965]	12.5 [.492]	20 [.787]	1 [.039]
SF1-VT12-30	5	35	30	1 [.039]	26 [1.024]	17 [.669]	29 [1.142]	12.5 [.492]	20 [.787]	1 [.039]
SF1-VT12-40	5	64	40	1 [.039]	26 [1.024]	17 [.669]	29 [1.142]	12.5 [.492]	20 [.787]	1 [.039]
SF1-VT12-50	5	100	50	1 [.039]	26 [1.024]	17 [.669]	29 [1.142]	12.5 [.492]	20 [.787]	1 [.039]

*1. LCR meter: YHP4261A, 1 kHz (L ≦ 190μH: 70mA, L < 190μH: 10mA) *2. UEW (Grade 1)

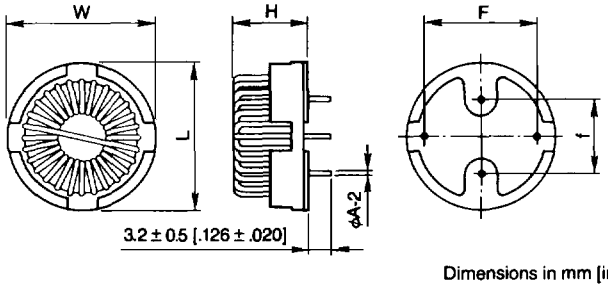


Dimensions in mm [inches]

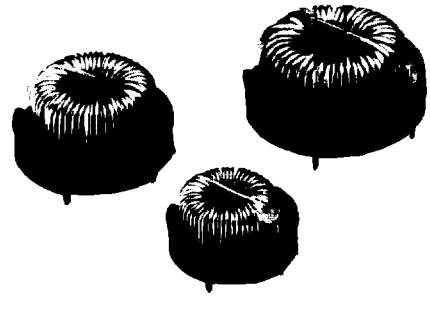


Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 ϕ(mm) [inches]	Dimensions (mm) [inches] L	W	H	F ref.
SF1-T5-25-02	2.8	20	70	0.5 [.020]	16.3 [.642]	13 [.512]	8.9 [.350]	12.7 [.500]
SF1-T5-35-02	2	40	75	0.5 [.020]	16.3 [.642]	13 [.512]	8.9 [.350]	12.7 [.500]
SF1-T5-40-02	1	50	110	0.4 [.016]	16.3 [.642]	13 [.512]	8.9 [.350]	12.7 [.500]
SF1-T8-30S-02	2	26	55	0.6 [.024]	19 [.748]	17 [.669]	10.5 [.413]	15.2 [.598]
SF1-T8-40S-02	2	46	70	0.6 [.024]	19 [.748]	17 [.669]	10.5 [.413]	15.2 [.598]
SF1-T8-50S-02	2	72	85	0.6 [.024]	19 [.748]	17 [.669]	10.5 [.413]	15.2 [.598]
SF1-T10-30-02	3	40	40	0.8 [.031]	26.5 [1.043]	22 [.866]	15 [.591]	20 [.787]
SF1-T10-40-02	3	72	50	0.8 [.031]	26.5 [1.043]	22 [.866]	15 [.591]	20 [.787]
SF1-T10-50-02	3	110	70	0.8 [.031]	26.5 [1.043]	22 [.866]	15 [.591]	20 [.787]
SF1-T12-30-02	5	35	30	1 [.039]	30 [1.181]	26 [1.024]	16.5 [.650]	25 [.984]
SF1-T12-40-02	5	64	40	1 [.039]	30 [1.181]	26 [1.024]	16.5 [.650]	25 [.984]
SF1-T12-50-02	5	100	50	1 [.039]	30 [1.181]	26 [1.024]	16.5 [.650]	25 [.984]

*1. LCR meter: YHP4261A, 1kHz, 70mA *2. UEW (Grade 1)

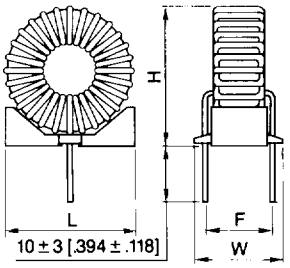


Dimensions in mm [inches]

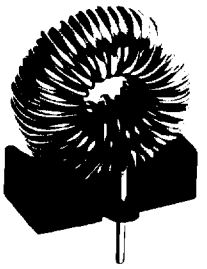


Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 ϕ(mm) [inches]	Dimensions (mm) [inches] L	W	H	F ref.	f	A
SF1-HT8-30S	2	26	55	0.6 [.024]	20 [.787]	20 [.787]	11.5 [.453]	15 [.591]	10 [.394]	0.7 [.028]
SF1-HT8-40S	2	46	70	0.6 [.024]	20 [.787]	20 [.787]	11.5 [.453]	15 [.591]	10 [.394]	0.7 [.028]
SF1-HT8-50S	2	72	85	0.6 [.024]	20 [.787]	20 [.787]	11.5 [.453]	15 [.591]	10 [.394]	0.7 [.028]
SF1-HT8-30D	2	45	70	0.6 [.024]	20 [.787]	20 [.787]	14.5 [.571]	15 [.591]	10 [.394]	0.7 [.028]
SF1-HT8-40D	2	80	85	0.6 [.024]	20 [.787]	20 [.787]	14.5 [.571]	15 [.591]	10 [.394]	0.7 [.028]
SF1-HT8-50D	2	125	100	0.6 [.024]	20 [.787]	20 [.787]	14.5 [.571]	15 [.591]	10 [.394]	0.7 [.028]
SF1-HT10-30	3	40	40	0.8 [.031]	26 [1.024]	26 [1.024]	15.5 [.610]	20 [.787]	15 [.591]	1 [.039]
SF1-HT10-40	3	72	50	0.8 [.031]	26 [1.024]	26 [1.024]	15.5 [.610]	20 [.787]	15 [.591]	1 [.039]
SF1-HT10-50	3	110	70	0.8 [.031]	26 [1.024]	26 [1.024]	15.5 [.610]	20 [.787]	15 [.591]	1 [.039]
SF1-HT12-30	5	35	30	1 [.039]	30 [1.181]	30 [1.181]	16.5 [.650]	25 [.984]	20 [.787]	1 [.039]
SF1-HT12-40	5	64	40	1 [.039]	30 [1.181]	30 [1.181]	16.5 [.650]	25 [.984]	20 [.787]	1 [.039]
SF1-HT12-50	5	100	50	1 [.039]	30 [1.181]	30 [1.181]	16.5 [.650]	25 [.984]	20 [.787]	1 [.039]

*1. LCR meter: YHP4261A, 1kHz, 70mA *2. UEW (Grade 1)

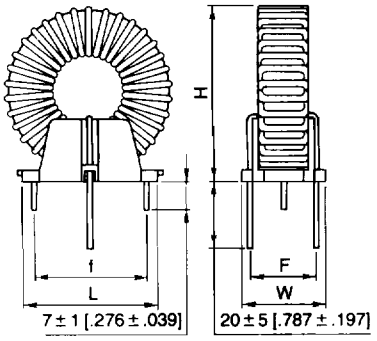


Dimensions in mm [inches]

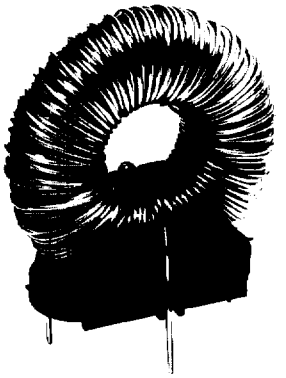


Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 ϕ(mm) [inches]	Dimensions (mm) [inches] L	W	H	F ref.
SF1-T10-30-01	3	40	40	0.8 [.031]	24 [.995]	18 [.709]	26 [1.024]	12 [.472]
SF1-T10-40-01	3	72	50	0.8 [.031]	24 [.995]	18 [.709]	26 [1.024]	12 [.472]
SF1-T10-50-01	3	110	70	0.8 [.031]	24 [.995]	18 [.709]	26 [1.024]	12 [.472]
SF1-T12-30-01	5	35	30	1 [.039]	26 [1.024]	18 [.709]	29 [1.142]	12 [.472]
SF1-T12-40-01	5	64	40	1 [.039]	26 [1.024]	18 [.709]	29 [1.142]	12 [.472]
SF1-T12-50-01	5	100	50	1 [.039]	26 [1.024]	18 [.709]	29 [1.142]	12 [.472]
SF1-300Y10A-01	10	30	10	1.6 [.063]	33 [1.299]	18 [.709]	37 [1.457]	12.5 [.492]
SF1-800Y10A-01	10	80	16	1.5 [.059]	33 [1.299]	18 [.709]	37 [1.457]	12.5 [.492]

*1. LCR meter: YHP4261A, 1kHz, 70mA *2. UEW (Grade 1)

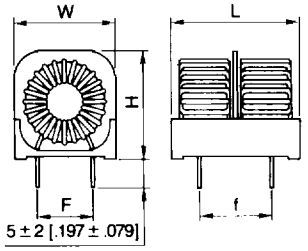


Dimensions in mm [inches]

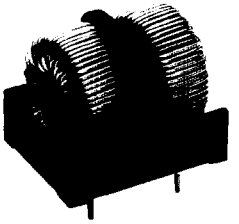


Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 ϕ(mm) [inches]	Dimensions (mm) [inches] L	W	H	F ref.	f
SF1-552Y01A-01	1	5500	700	0.7 [.028]	45 [1.772]	23 [.906]	47 [1.850]	18 [.709]	30 [1.181]
SF1-102Y03A-01	3	1000	250	0.8 [.031]	45 [1.772]	23 [.906]	47 [1.850]	18 [.709]	30 [1.181]
SF1-222Y03A-01	3	2200	310	0.8 [.031]	45 [1.772]	23 [.906]	47 [1.850]	18 [.709]	30 [1.181]

*1. LCR meter: YHP4261A, 1kHz, 70mA *2. UEW (Grade 1)



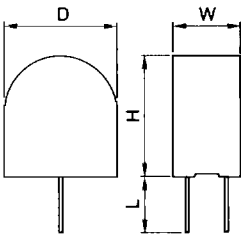
Dimensions in mm [inches]

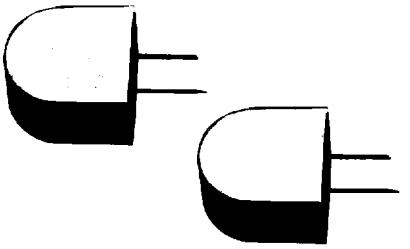


Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 ϕ(mm) [inches]	Dimensions (mm) [inches] L	W	H	F ref.	f
SF1-T8-30D-03	2	45	70	0.6 [.024]	23.5 [.925]	18 [.709]	19 [.748]	10 [.394]	12.5 [.492]
SF1-T8-40D-03	2	80	85	0.6 [.024]	24.5 [.965]	18 [.709]	19 [.748]	10 [.394]	12.5 [.492]
SF1-T8-50D-03	2	125	100	0.6 [.024]	24.5 [.965]	18 [.709]	19 [.748]	10 [.394]	12.5 [.492]

*1. LCR meter: YHP4261A, 1kHz, 70mA *2. UEW (Grade 1)

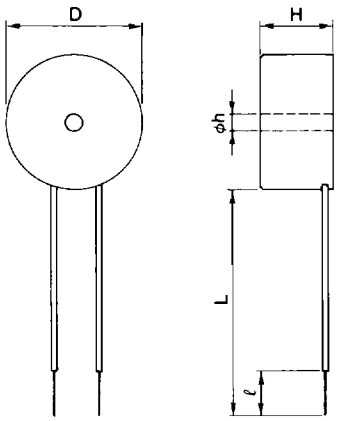
CASED TYPE

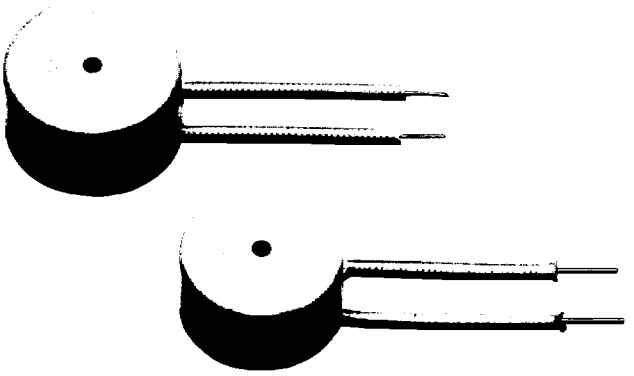




Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire*2 φ(mm) [inches]	Dimensions (mm) [inches] D max.	W max.	H max.	L	No. of turns (ts) ref.
SF4-720Y2R0-01	2	72	85	0.6 [.024]	20.2 [.795]	11.9 [.469]	22 [.866]	10±2 [.394±.079]	
SF4-471M01A-02	1	470±20%	400	0.45 [.018]	20.2 [.795]	11.9 [.469]	22 [.866]	10±2 [.394±.079]	90
SF4-261Z2R5-01	2.5	260	160	0.55 [.022]	20.2 [.795]	11.9 [.469]	22 [.866]	10±2 [.394±.079]	70

*1. LCR meter: YHP4261A, 1kHz, 70mA *2. PEW (Grade 1)





Part No.	Rated current (A) 100Vac	Inductance*1 (μH) min.	DC resistance (mΩ) max.	Winding wire φ(mm) [inches]	Dimensions (mm) [inches] D max.	H max.	h max.	L	ℓ	No. of turns (ts) ref.
SF5-101Z05A-01	5	100	50	1 [.039]*2	30 [1.181]	16.5 [.650]	3 [.118]	50±5 [1.969±.197]	10±5 [.394±.197]	50
SF5-101Z06A-01	6	100	30	1.2 [.047]*3	33 [1.299]	18.8 [.740]	3 [.118]	50±5 [1.969±.197]	10±5 [.394±.197]	40
SF5-101Z08A-01	8	100	25	1.4 [.055]*3	38 [1.496]	20.5 [.807]	3.5 [.138]	50±5 [1.969±.197]	10±5 [.394±.197]	35

*1. LCR meter: YHP4261A, 1kHz, 70mA *2. UEW (Grade 1) *3. PEW (Grade 1)