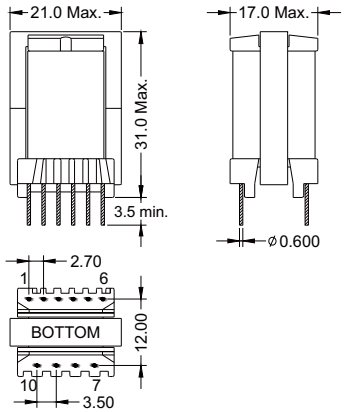
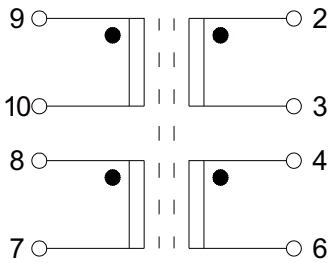
SIZE EEL16 · OUTPUT : 18W

Primary / Secondary Insulation ≥ 2000Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

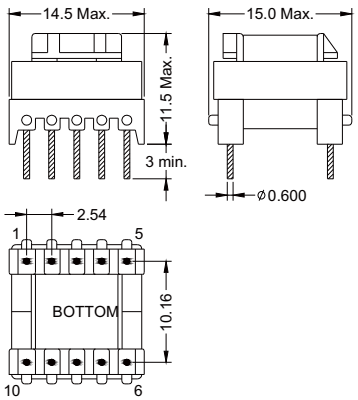


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
18 W	Pri.	9 to 10	140	1.4 mH	5.0
	S1	2 to 3	33		0.2
	S2	4 to 6	11		0.1
	Aux.	8 to 7	19		0.2

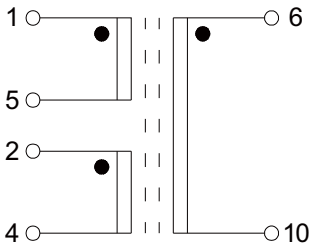
SIZE EF12.6 · OUTPUT : 8W

Primary / Secondary Insulation ≥ 1500Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

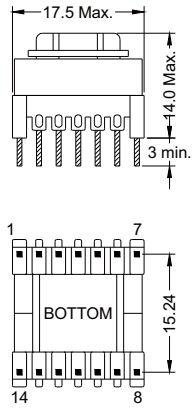


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
8 W	Pri.	1 to 5	76	0.55 mH	1.0
	Aux.	2 to 4	7		0.2
	S1	6 to 10	10		0.3

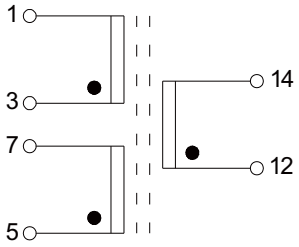
SIZE EF16 · OUTPUT : 5W

Primary / Secondary Insulation ≥ 2000Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm+/-0.5mm):



Circuit Diagram:

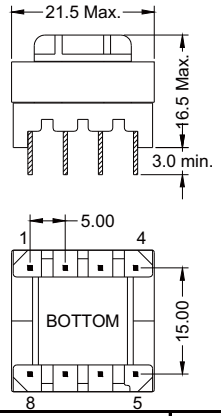


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
5 W	Pri.	3 to 1	110	2.7 mH	5.0
	Aux.	5 to 7	23		0.1
	S1	12 to 14	23		1.0

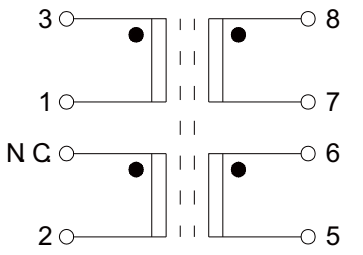
SIZE EF20 · OUTPUT : 18W

Primary / Secondary Insulation ≥ 2000Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

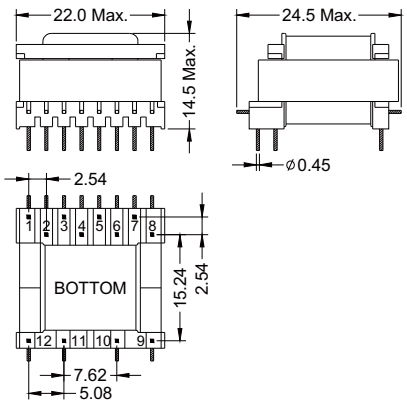


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
18 W	Pri.	3 to 1	141	3.4 mH	3.0
	Shield	N.C. to 2	7		
	S1	6 to 5	15		0.2
	S2	8 to 7	11		0.4

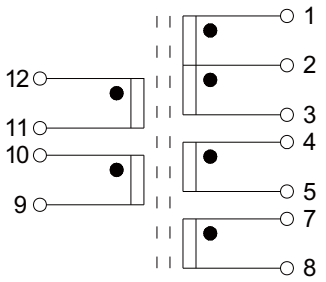
SIZE EF20 · OUTPUT : 24W

Primary / Secondary Insulation ≥ 2000Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm+/-0.5mm):



Circuit Diagram:

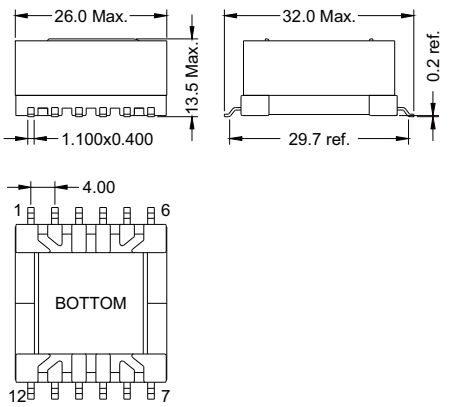


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
24 W	Pri.	10 to 9	87	2.5 mH	1.5
	Aux.	12 to 11	14		0.3
	S1	1 to 2	11		0.1
	S2	2 to 3	7		0.15
	S3	4 to 5	31		0.7
	S4	7 to 8	26		0.5

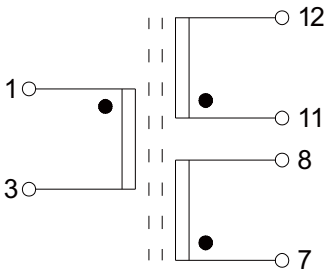
SIZE EFD25 · OUTPUT : 30W

Primary / Secondary Insulation ≥ 2000Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

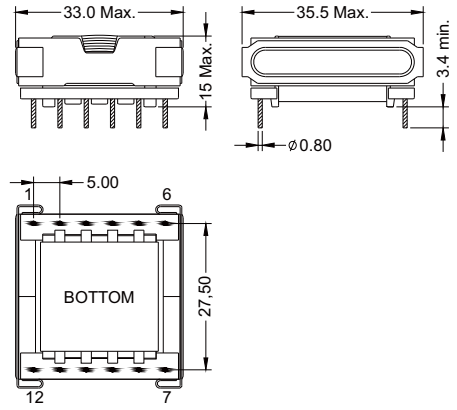


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
30 W	Pri.	1 to 3	141	1.0 mH	2.50
	S1	7 to 8	17		0.15
	S2	11 to 12	41		0.60

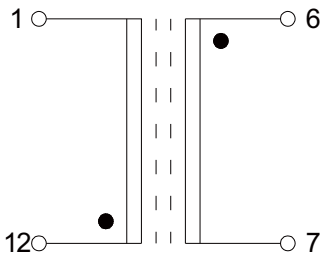
SIZE EFD30 · OUTPUT : 35W

Primary / Secondary Insulation ≥ 2000Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

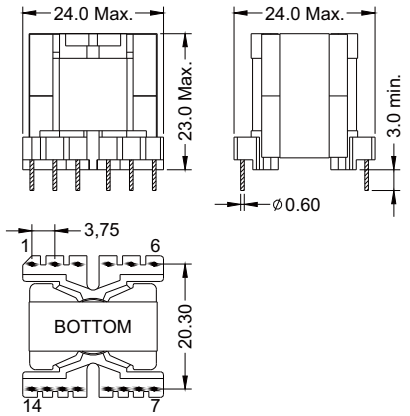


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
35 W	Pri.	12 to 1	420	50 mH	12.50
	Aux.	6 to 7	7		0.10

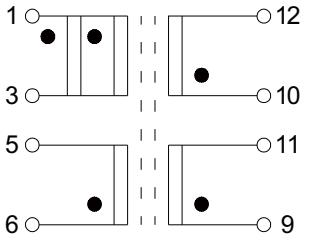
SIZE PQ20/20 · OUTPUT : 30W

Primary / Secondary Insulation ≥ 2000Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

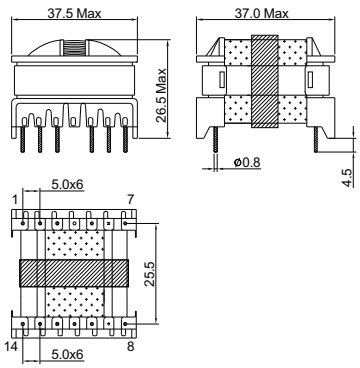


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
30 W	Pri.	1 to 3	33	350 uH	0.20
	S1	9 to 11	13		0.10
	S2	10 to 12	13		0.10
	Pri.	1 to 3	33		0.20
	Aux.	6 to 5	7		0.30

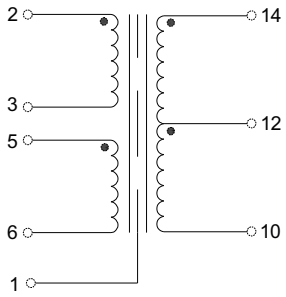
SIZE ETD30 · OUTPUT : 60W

Primary / Secondary Insulation ≥ 2000Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

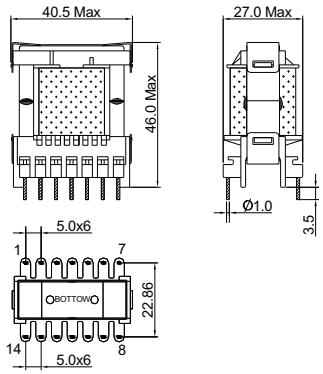


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
60 W	Pri.	2 to 3	46	550uH	
	Aux.	5 to 6	6		
	S1	14 to 12	9		
	S2	12 to 10	4		

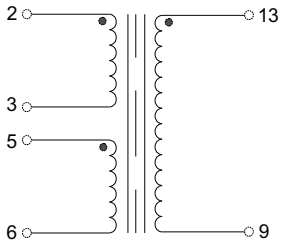
SIZE ETD34 · OUTPUT : 100W

Primary / Secondary Insulation ≥ 1500Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

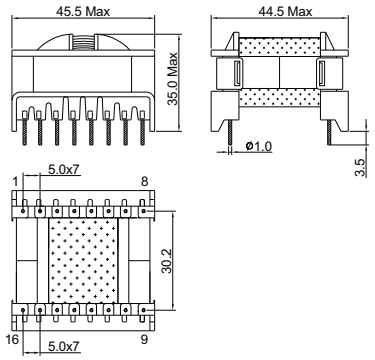


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
100 W	Pri.	2 to 3	34	450uH	
	Aux.	5 to 6	6		
	Sec	13 to 9	9		

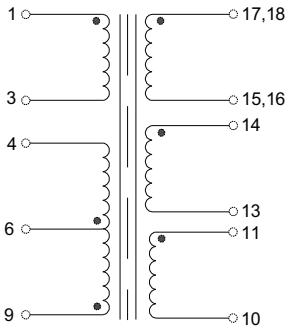
SIZE ETD44 · OUTPUT : 160W

Primary / Secondary Insulation ≥ 2000Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

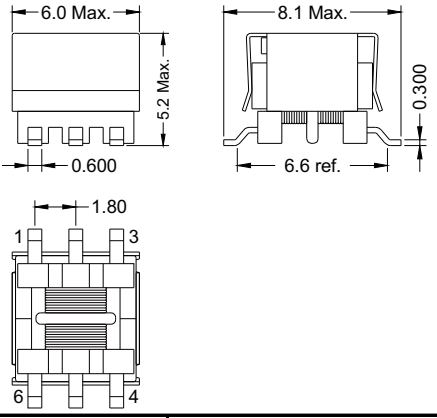


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
160 W	Pri.	9 to 4	32	400uH	
	(1/2 Pri.)	(9 to 6 or 6 to 4)	(16)	(100uH)	
	Aux.	1 to 3	4		
	S1	17,18 to 15,16	6		
	S2	14 to 13	3		
	S3	11 to 10	4		

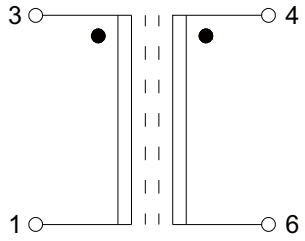
SIZE EE5 · OUTPUT : 2W

Primary / Secondary Insulation ≥ 1500Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

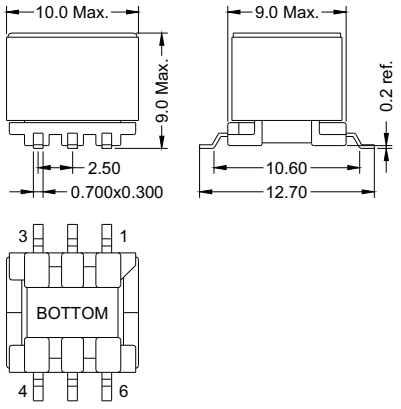


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
2 W	Pri.	3 to 1	40	650 uH	3.0
	S1	4 to 6	40		3.0

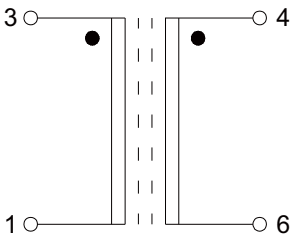
SIZE EP7 · OUTPUT : 12W

Primary / Secondary Insulation ≥ 1500Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm ±0.5mm):



Circuit Diagram:

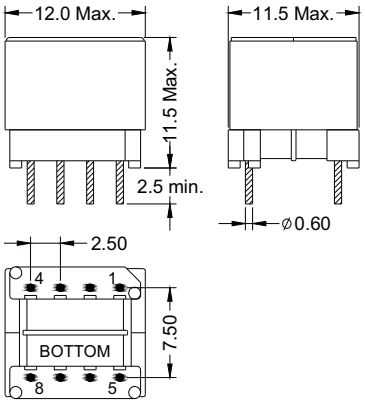


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
12 W	Pri.	3 to 1	65	35 mH	3.0
	S1	4 to 6	65		3.0

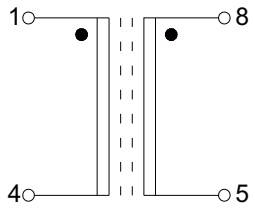
SIZE EP10 · OUTPUT : 18W

Primary / Secondary Insulation ≥ 1500Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm ±0.5mm):



Circuit Diagram:

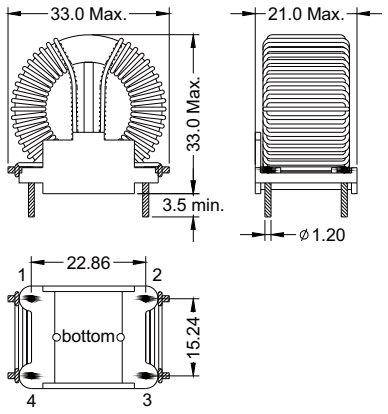


Output Power	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
18W	Pri.	1 to 4	520	1.5 H	48.0
	S1	8 to 5	520		48.0

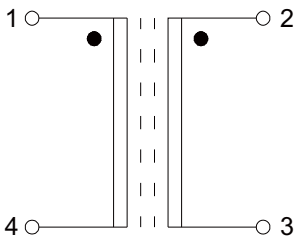
SIZE T29x19x15

Primary / Secondary Insulation ≥ 1500Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm ±0.5mm):



Circuit Diagram:

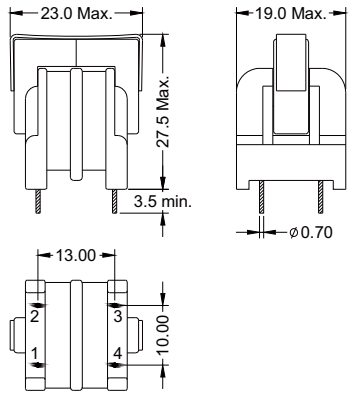


Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-25%)	Resistance max. (Ω)
0.5	W1	1 to 4	50	25 mH	0.50
	W2	2 to 3	50	25 mH	0.50

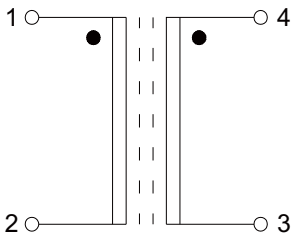
SIZE UU16

Primary / Secondary Insulation ≥ 1500Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm ±0.5mm):



Circuit Diagram:

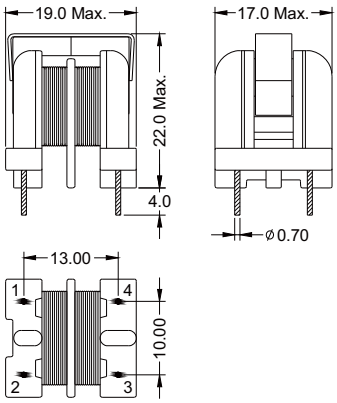


Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
0.75	W1	1 to 2	94	22 mH	0.70
	W2	4 to 3	94	22 mH	0.70

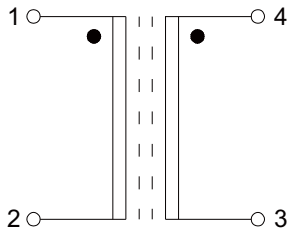
SIZE UU10.5

Primary / Secondary Insulation ≥ 1500Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm ±0.5mm):



Circuit Diagram:

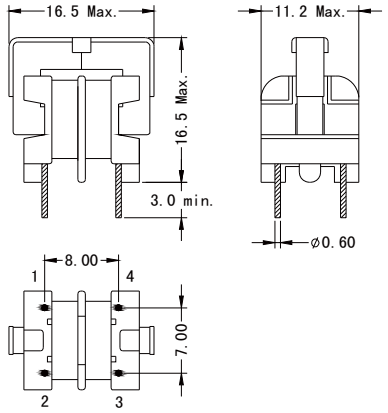


Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
0.35	W1	1 to 2	145	47 mH	2.50
	W2	4 to 3	145	47 mH	2.50

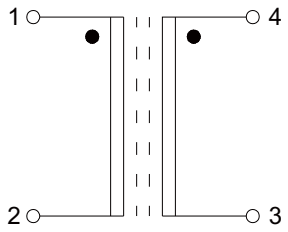
SIZE UU9.8

Primary / Secondary Insulation ≥ 1500Vac
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm ±0.5mm):



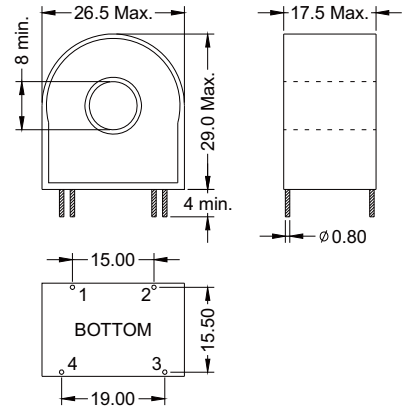
Circuit Diagram:



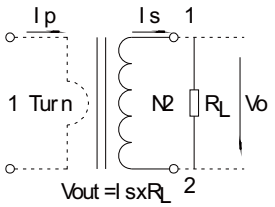
Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
0.45	W1	1 to 2	136	28 mH	2.50
	W2	4 to 3	136	28 mH	2.50

Date applies for one primary turn (single passage of primary wire through toroid hole).
Sensitivity can be increased for lower currents by winding more than one turn.
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



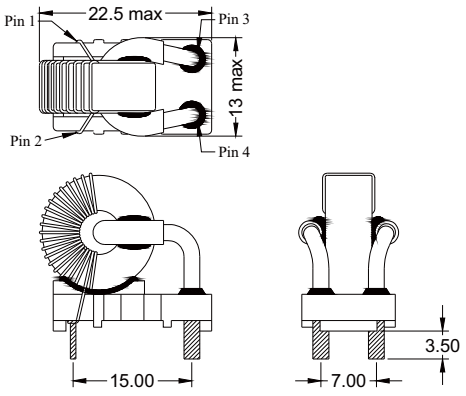
Circuit Diagram:



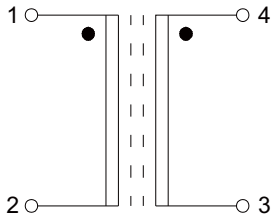
Max Pri. Current A rms	Windings				
		Pins	Turns	Inductance (min)	Resistance max. (Ω)
100 A	W1	1 to 2	800	1000 mH	50.0

Date applies for one primary turn (single passage of primary wire through toroid hole).
Sensitivity can be increased for lower currents by winding more than one turn.
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



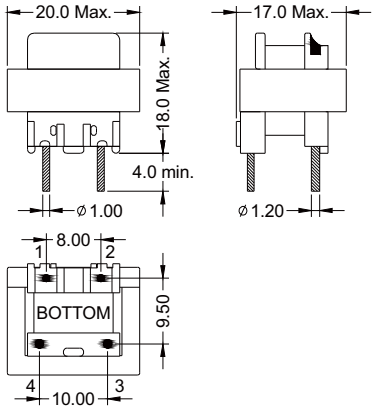
Circuit Diagram:



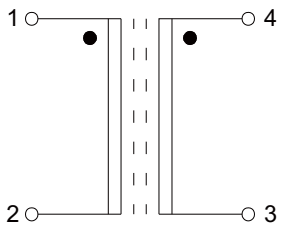
Max Pri. Current A rms	Windings				
		Pins	Turns	Inductance (min)	Resistance max. (Ω)
10 A	W1	1 to 2	100	23 mH	0.5
	W2	4 to 3	1		

Date applies for one primary turn (single passage of primary wire through toroid hole).
Sensitivity can be increased for lower currents by winding more than one turn.
Ambient temperature < 60℃
Construction conforms to IEC950,IEC335,IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

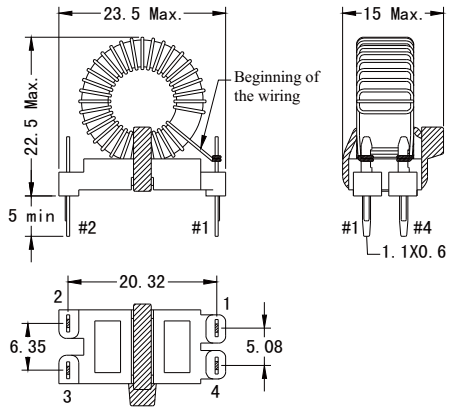


Max Pri. Current A rms	Windings				
		Pins	Turns	Inductance (min)	Resistance max. (Ω)
10 A	W1	1 to 2	1000	0.95 H	65.0
	W2	4 to 3	1		

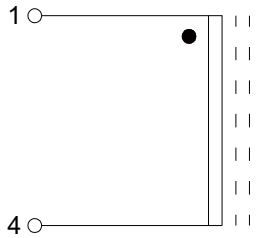
SIZE T16.5x9.5x6.3

Electrical Characteristics at 25℃
Ambient temperature < 60℃
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

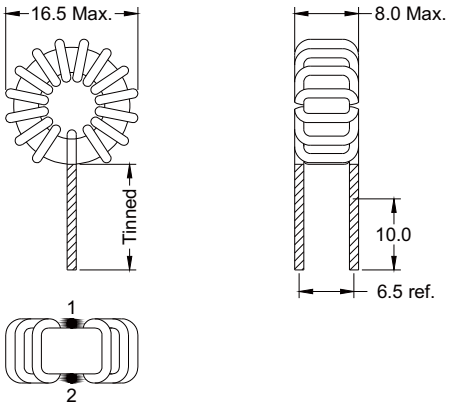


Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
1.0	W1	1 to 4	35	3.4 mH	0.20

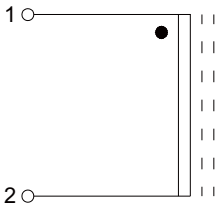
SIZE T50-52

Electrical Characteristics at 25℃
Ambient temperature < 60℃
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

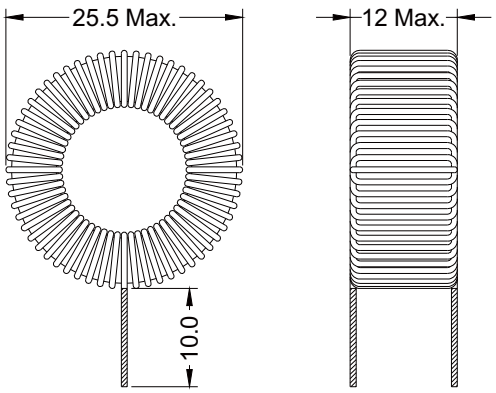


Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
3.0	W1	1 to 2	15	7.5 uH	0.01

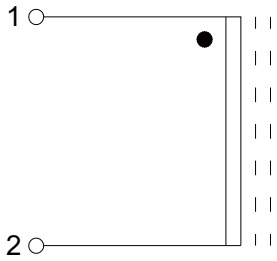
SIZE T90-26

Electrical Characteristics at 25℃
Ambient temperature < 60℃
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

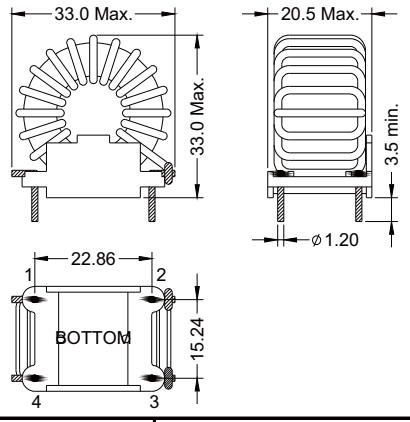


Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
2.0	W1	1 to 2	70	330 uH	0.25

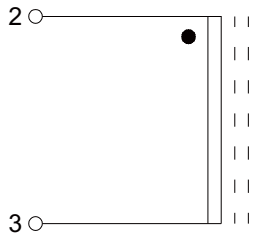
SIZE T106-26B

Electrical Characteristics at 25℃
Ambient temperature < 60℃
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

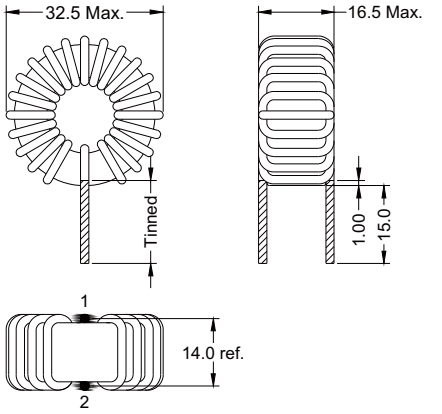


Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
5.0	W1	2 to 3	17	35 uH	0.01

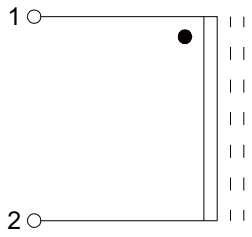
SIZE 77930-A7

Electrical Characteristics at 25℃
Ambient temperature < 60℃
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

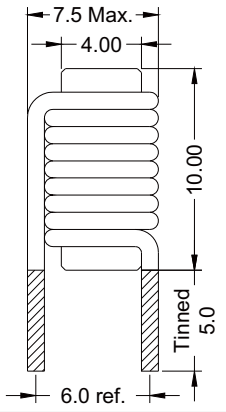


Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
4.5	W1	1 to 2	22	76 uH	0.02

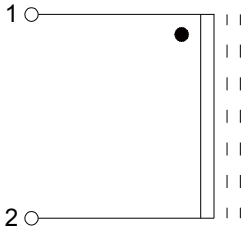
SIZE R4x10

Electrical Characteristics at 25℃
Ambient temperature < 60℃
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

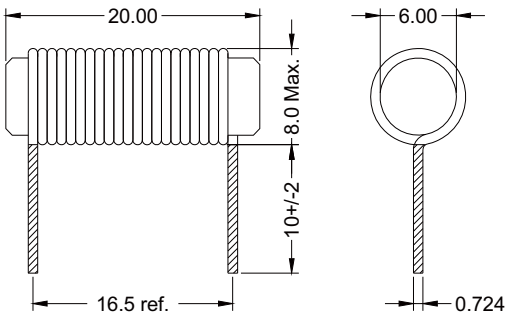


Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
2.0	W1	1 to 2	8.5	1.5 uH	0.01

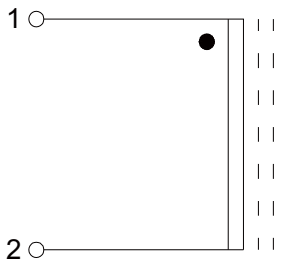
SIZE R6x20

Electrical Characteristics at 25℃
Ambient temperature < 60℃
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

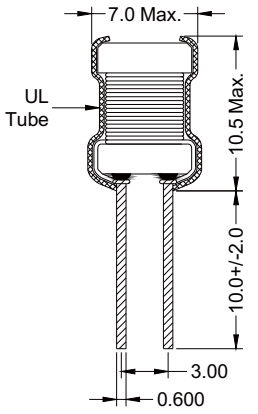


Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
5.0	W1	1 to 2	21	10 uH	0.03

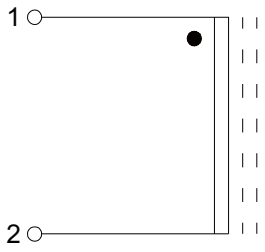
SIZE DR2W6x8.3

Electrical Characteristics at 25℃
Ambient temperature < 60℃
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

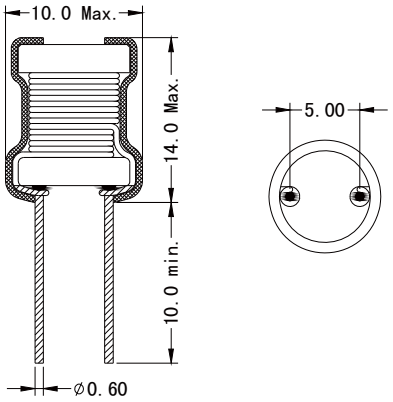


Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
0.5	W1	1 to 2	78	170 uH	0.45

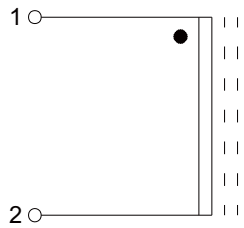
SIZE DR2W8x10

Electrical Characteristics at 25℃
Ambient temperature < 60℃
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:

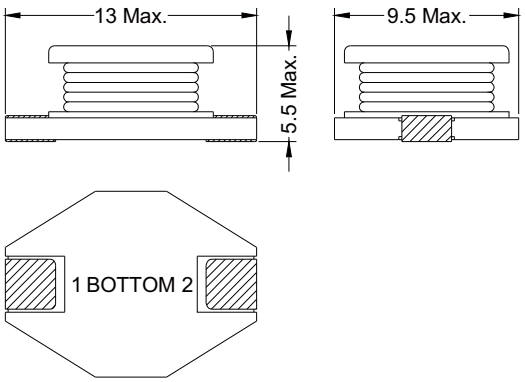


Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
1.5	W1	1 to 2	135.5	150 uH	0.40

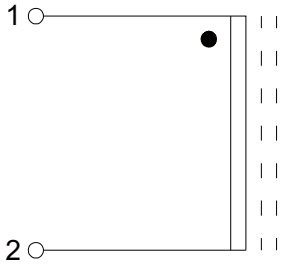
SIZE 12.5x9x5

Electrical Characteristics at 25℃
Ambient temperature < 60℃
Exclusively uses UL94-V0 listed materials

Dimensions and Diagram (Unit mm +/-0.5mm):



Circuit Diagram:



Rated Current Arms	Windings				
		Pins	Turns	Inductance (+/-15%)	Resistance max. (Ω)
0.5	W1	1 to 2	37.5	68 uH	0.20