

# POWER FACTOR CORRECTORS

## POWER MAGNETICS

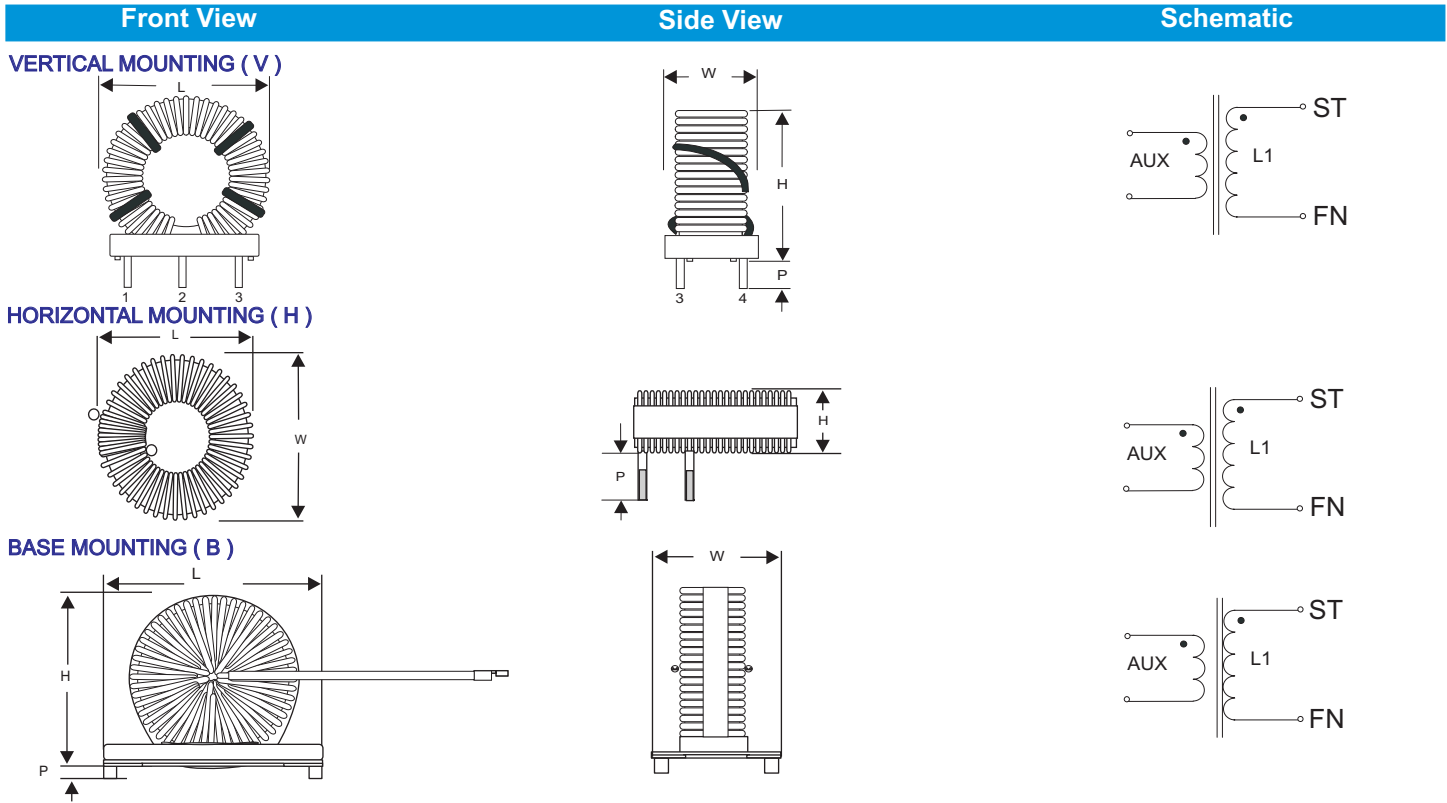
## [ T23 -26X2 Series ]



MAX. DIM :  
L = 96.52 mm  
W = 73.66 mm  
H = 86.36 mm

- Designed for use in off-line AC/DC pre-regulators circuits for switching power converters applications.
- Low cores loss and high flux density.
- Auxiliary winding optional.

### MECHANICAL SPECIFICATIONS



### ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	RoHS PART NUMBER	Mounting / PCB LAYOUT	L (mm) max.	W (mm) max.	H (mm) max.	Auxiliary Winding / L1 Ratio	DCR(mΩ) <sup>1</sup> max.	L (μH) <sup>1</sup> min.	Freq. (KHz)	Volt. (V)	L1 ST - FN	AUX ST - FN	I @ 80%L (A DC)	I @ 65%L (A DC)	I @ 50%L (A DC)	I @ 30%L (A DC)
T23026	T23L26	V / FIG.1*	69.85	53.34	71.12	---	20	100	1.0	0.25	1,2 - 3,4	---	35.32	57.80	80.28	128.45
	T23071	V / FIG.6	75.00	50.52	70.00	---	21	230	1.0	1.00	2 - 5	---	22.80	37.30	51.90	83.00
	T23028	V / FIG.2	71.12	53.34	69.85	---	27	270	1.0	1.00	2 - 5	---	21.90	35.84	49.78	79.64
	T23B17	V / FIG.2	71.12	52.32	69.85	---	25	276	1.0	1.00	2 - 5	---	21.90	35.84	49.78	79.64
	T23037	V / FIG.2	71.12	53.34	69.85	---	30	333	100.0	1.00	2 - 5	---	19.91	32.58	45.25	72.40
	T23L16	V / FIG.5	73.00	52.50	86.50	---	32	387	10.0	0.25	2 - 5	---	18.25	29.87	41.48	66.37
T23016		B / FIG.8	96.52	50.80	74.93	---	30	388	1.0	1.00	1 - 2	---	18.25	29.87	41.48	66.37
T23A16		V / FIG.2	72.39	52.32	86.36	---	30	388	1.0	1.00	2 - 5	---	18.25	29.87	41.48	66.37
	T23B16	V / FIG.2	72.39	52.32	86.36	---	30	388	1.0	1.00	2 - 5	---	18.25	29.87	41.48	66.37
T23C16	T23CL6	V / FIG.2	72.39	52.32	86.36	---	30	388	1.0	1.00	2 - 5	---	18.25	29.87	41.48	66.37
T23030	T23079	V / FIG.2	71.12	53.34	69.85	---	37	460	10.0	1.00	2 - 5	---	16.59	27.15	37.71	60.33
	T23032	H / FIG.7	73.66	73.66	50.62	---	36	469	1.0	1.00	1 - 2	---	16.59	27.15	37.71	60.33
	T23011	V / FIG.2	71.12	53.34	69.85	---	62	657	10.0	0.25	2 - 5	---	14.10	22.95	31.90	51.05
T23014		V / FIG.3*	72.39	63.50	74.93	---	118	702	1.0	0.25	1,2 - 8,9	---	11.18	18.29	25.40	40.64
	T23080	V / FIG.2	71.12	53.34	73.66	---	30	799	10.0	1.00	2 - 5	---	12.73	20.80	28.90	46.30
	T23085	V / FIG.6	73.00	49.00	73.00	---	90	936	1.0	1.00	2 - 5	---	12.30	20.10	27.95	44.80
T23023	T23L23	V / FIG.4*	68.58	52.32	69.85	---	110	995	1.0	0.25	3,5 - 10,12	---	11.41	18.67	25.92	41.48
	T23051	V / FIG.5	66.04	52.83	68.58	---	143	1188	20.0	1.00	2 - 5	---	10.32	17.03	23.45	37.60
	T23070	V / FIG.6	75.00	50.52	70.00	---	95	1355	1.0	1.00	2 - 5	---	9.78	16.00	22.20	35.60

\*Mounting drawing is only for reference.  
Contact FALCO for detailed specifications for P dimension.



RoHS COMPLIANT PRODUCT

1. AMBIENT TEMPERATURE TEST AT 25°C

### PCB LAYOUT SPECIFICATIONS

#### SUGGESTED PCB Layout (Top)

Figure 1

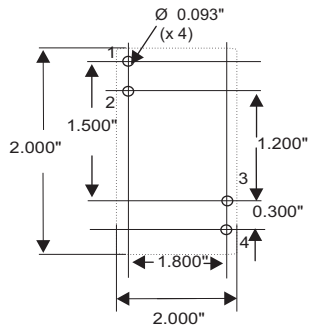


Figure 2

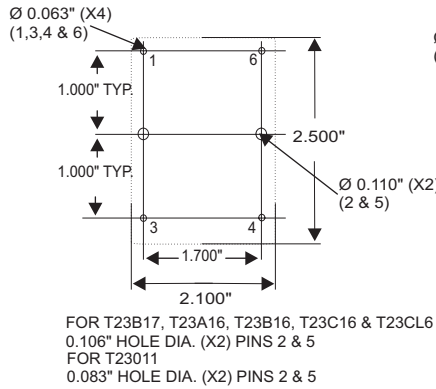


Figure 3

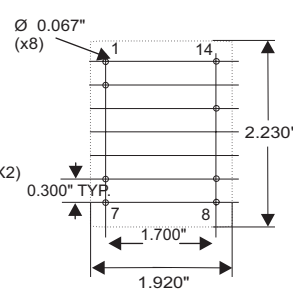


Figure 4

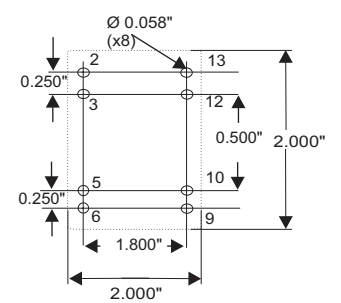


Figure 5

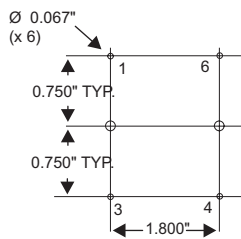


Figure 6

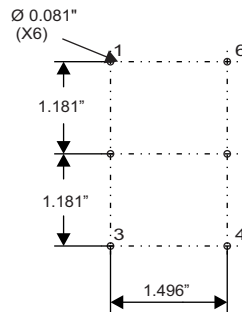
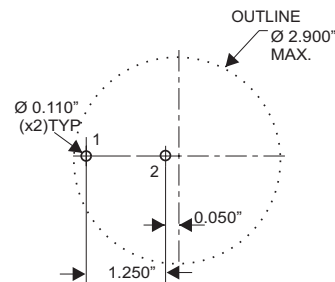


Figure 7



### BASE SPECIFICATIONS

#### Base Mounting

Figure 8

