

## [ T18-26X1 Series ]

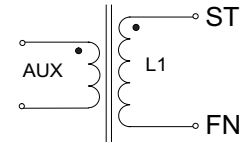
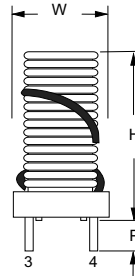
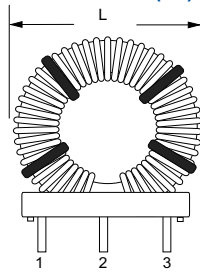


- Designed for use in off-line AC/DC pre-regulators circuits for switching power converters applications.
- Low cores loss and high flux density.
- Auxiliary winding optional.

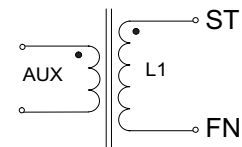
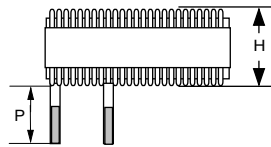
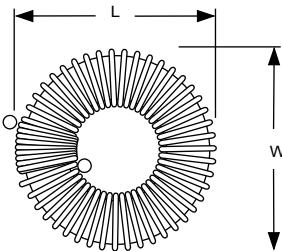
### MECHANICAL SPECIFICATIONS

Front View	Side View	Schematic
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#### VERTICAL MOUNTING ( V )



#### HORIZONTAL MOUNTING ( H )



### ELECTRICAL SPECIFICATIONS

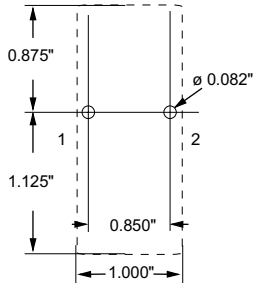
FPN	Mounting / PCB LAYOUT	L (mm) max.	W (mm) max.	H (mm) max.	Auxiliary Winding / L Ratio	DCR(m Ω) <sup>1</sup> max.	L (μH) <sup>1,2</sup>	L1 ST - FN	AUX ST - FN	I@ 80%L (ADC)	I@ 65%L (ADC)	I@ 50%L (ADC)	I@ 30%L (ADC)
T18047	V / FIG.1	57.15	31.75	54.86	---	34	200	1 - 2	---	14.46	23.67	32.87	52.59
T18048	V / FIG.1	57.15	31.75	54.86	---	34	200	1 - 2	---	14.46	23.67	32.87	52.59
T18050	V / FIG.3	55.88	29.21	55.88	---	50	200	1,2 - 6,5	---	14.69	24.04	33.39	53.42
T18063	V / FIG.6	55.88	30.48	57.15	---	23	135	2-5	---	18.80	30.77	42.73	68.37
T18035	V / FIG.2	58.42	53.34	63.50	---	40	279	7,6,5 - 2,3,4	---	13.06	21.37	29.68	47.48
T18034	V / FIG.2	58.42	53.34	63.50	---	100	477	7,6 - 2,3	---	10.00	16.37	22.73	36.37
T18037	V / FIG.4	55.88	53.34	63.50	---	327	1341	2 - 1	---	5.91	9.68	13.44	21.50
T18040	V / FIG.5	57.91	31.75	59.94	---	250	1620	2 - 5	---	5.37	8.71	12.21	19.54

\*Contact FALCO for detailed specifications for P dimension.

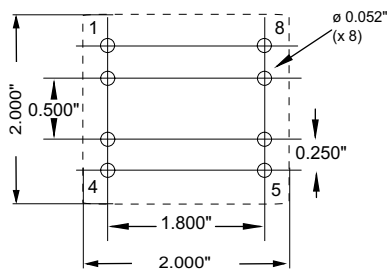
1. AMBIENT TEMPERATURE TEST AT 25°C  
 2. TEST AT 20KHz and 0.25V. MINIMUM INDUCTANCE.

**PCB LAYOUT SPECIFICATIONS**

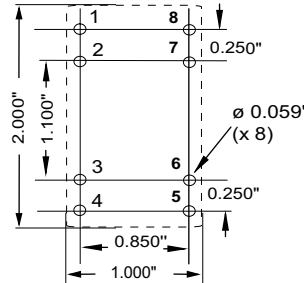
**SUGGESTED PCB Layout (Top)**



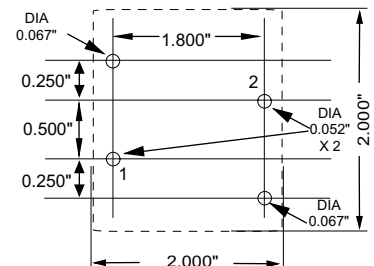
**Figure 1**



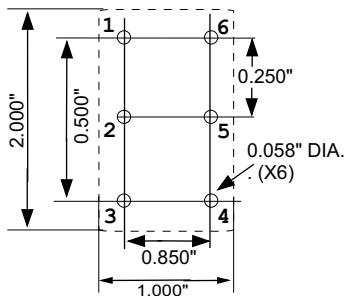
**Figure 2**



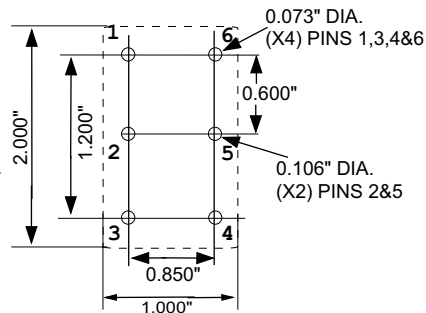
**Figure 3**



**Figure 4**



**Figure 5**



**Figure 6**