

POWER FACTOR CORRECTORS

POWER MAGNETIC

FALCO
electronics

[T18-60X3 Series]

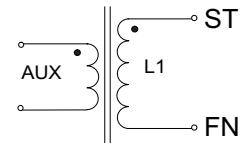
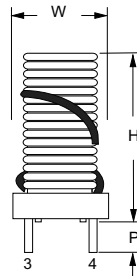
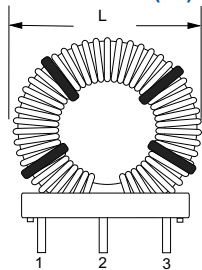


- Designed for use in off-line AC/DC pre-regulators circuits for switching power converters applications.
- Low cores loss and high flux density.
- Auxiliary winding optional.

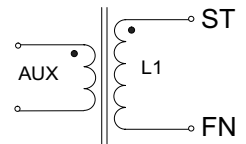
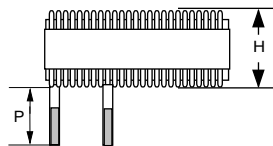
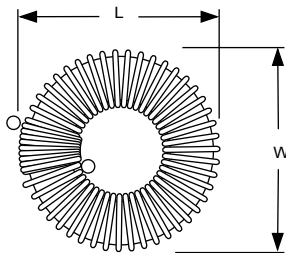
MECHANICAL SPECIFICATIONS

Front View Side View Schematic

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) ¹ max.	L (μH) ^{1,2}	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)
T18005	V / FIG.1	60.00	70.00	60.50	---	38	910	1,2,3,4 - 8,7,6,5	---	6.84	11.11	15.38	25.64

*Contact FALCO for detailed specifications for P dimension

PCB LAYOUT SPECIFICATIONS

SUGGESTED PCB Layout (Top)

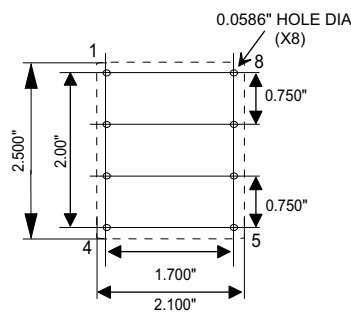


Figure 1

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