

PFC CHOKE

MODEL NO : TPC30 / TPC38 / TPC26 SERIES

Features :

- * Through- hole version .
- * High power and high efficiency .
- * Compliant with RoHS.

Application :

- * LED TV .
- * LED lighting .
- * AV equipment , digital consumer electronics .



Electrical specification :

MODEL NO	INPUT VOLTAGE (VAC)	FREQUENCY (KHz) MIN.	PFC OUTPUT POWER (W)	INDUCTANCE (uH) +/-10%	TEMPERATURE RISE CURRENT (ADC) (NOTE 2)	SATURATION CURRENT (ADC) (NOTE 3)	SCHEMATIC
TPC-260215-450 GP	80~288	86 TYP	90	45	8.5	10	B
TPC-300074-221 GP	88~288	50 TYP	60	220	2.5	7.0	A
TPC-380070-960 GP	80~288	40	150	96	3.7	12	C
TPC-380080-221 GP	85~264	65	125	220	4.6	6.4	D
TPC-380100-381 GP	85~264	65	160	380	3.5	4.5	D
TPC-380135-381 GP	85~264	65	160	380	3.5	4.5	D

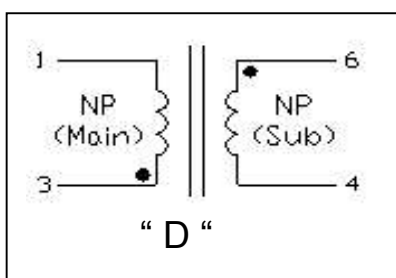
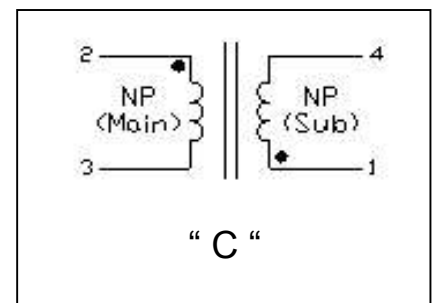
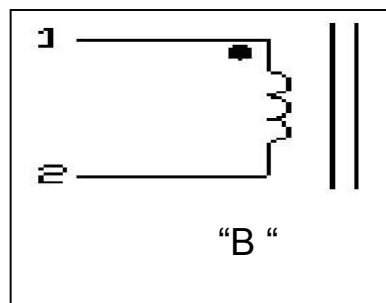
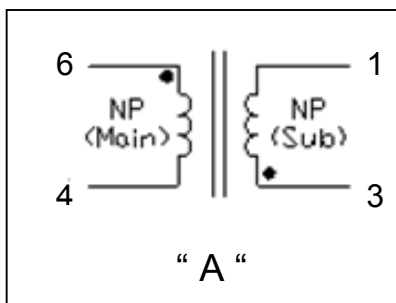
NOTE (1): Measuring condition : 100 KHZ , 0.1Vrms.

NOTE (2): $\Delta T=40^{\circ}\text{C}$ approximately under the temperature rise current.

NOTE (3): The saturation current indicates the value of DC current is approximately 20% lower than its initial value of inductance.

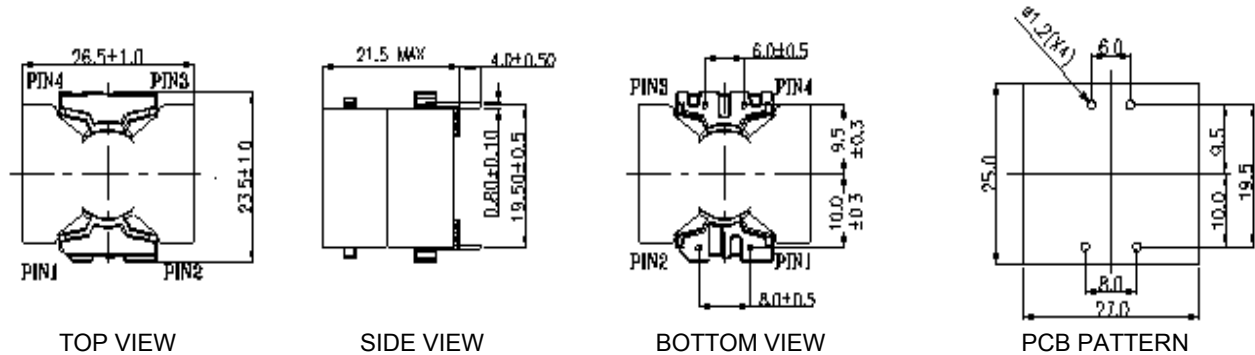
NOTE (4): Storage time : The recommended storage time of PFC choke is maximum 12 months, and don't suggest to use the parts over 12 months

Schematic :

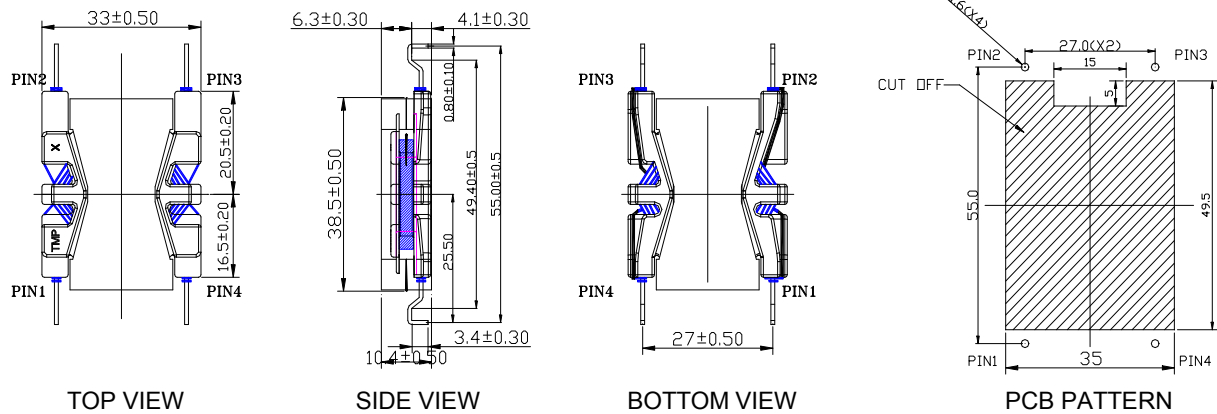


Physical Dimension (unit : mm)

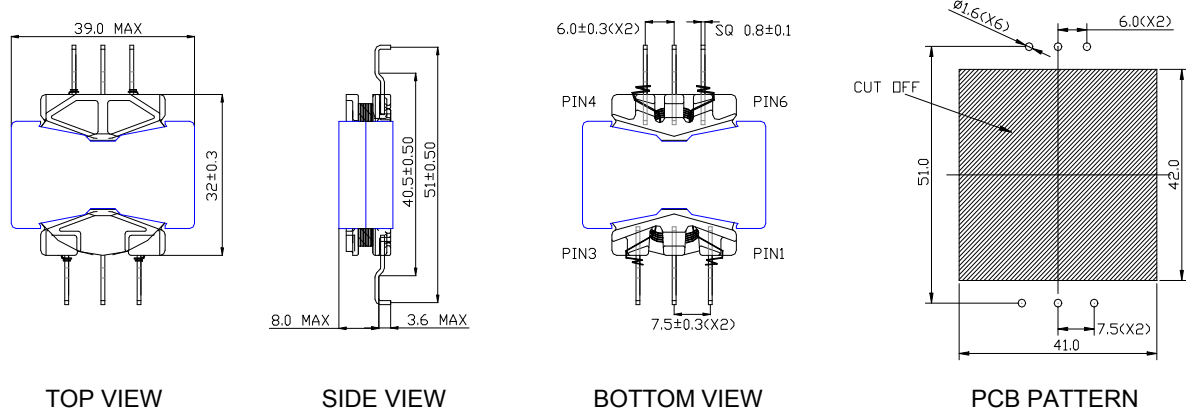
TPC-260215



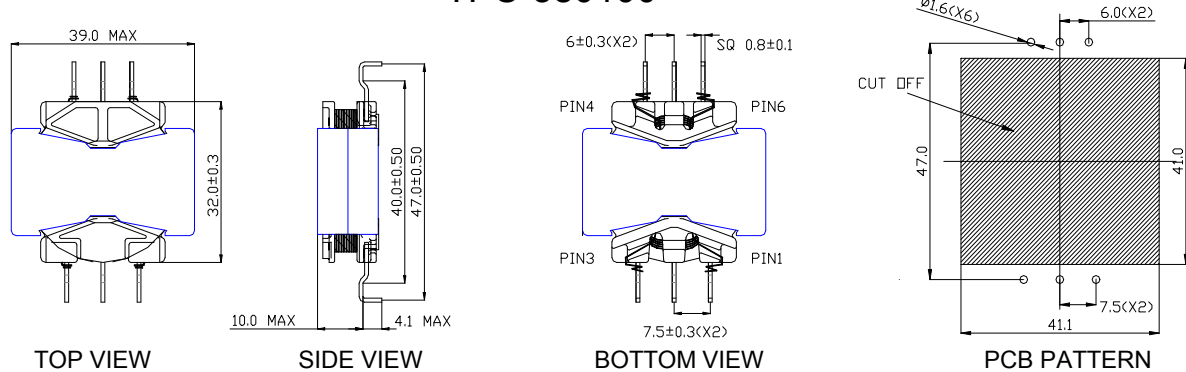
TPC-380070



TPC-380080

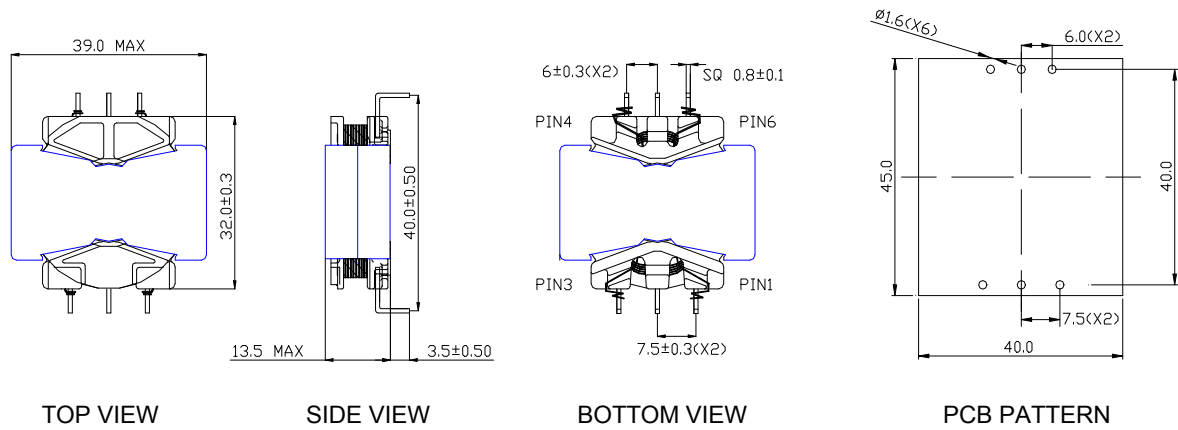


TPC-380100



Physical Dimension (unit : mm)

TPC-380135



TPC-300074

