



PFC CHOKE

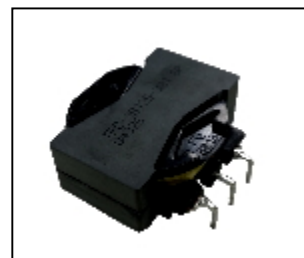
MODEL NO : TPC30 / TPC38 / TPC26 SERIES

Features :

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

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	80~288	86 TYP	90	45	8.5	10	B
TPC-300074-221	88~288	50 TYP	60	220	2.5	7.0	A
TPC-380070-960	80~288	40	150	96	3.7	12	C
TPC-380080-221	85~264	65	125	220	4.6	6.4	D
TPC-380100-381	85~264	65	160	380	3.5	4.5	D
TPC-380135-381	85~264	65	160	380	3.5	4.5	D

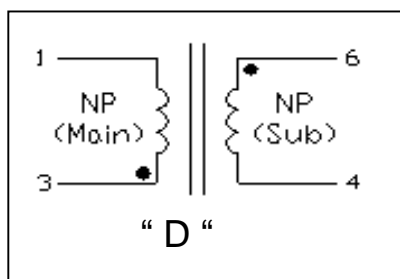
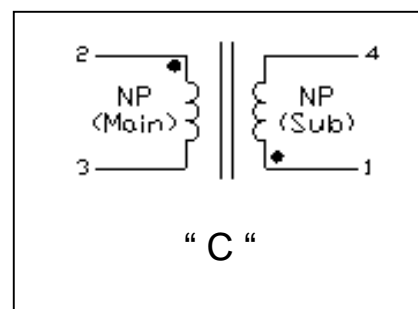
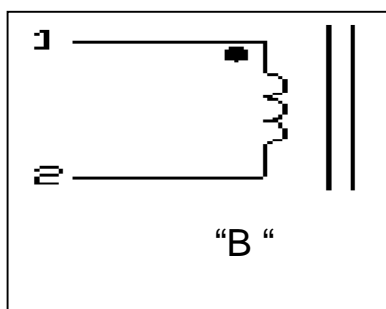
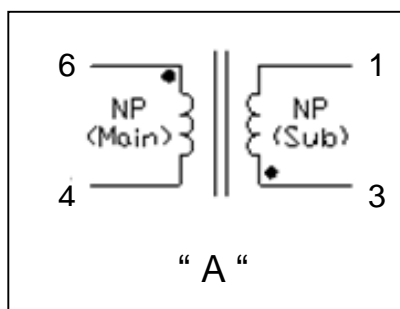
NOTE (1): Measuring condition : 100 KHZ , 0.1Vrms.

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.

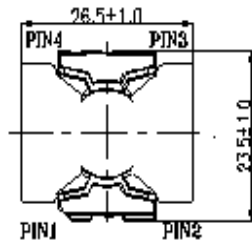
NOTE (4): Storage time :The recommended storage time of PFC choke is maximum 12 months, and don't suggest to use the parts over 12 months

Schematic :

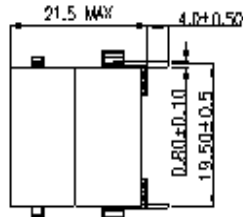


Physical Dimension (unit : mm)

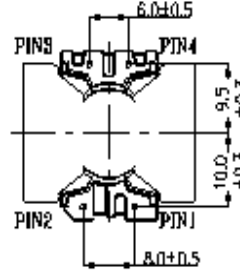
TPC-260215



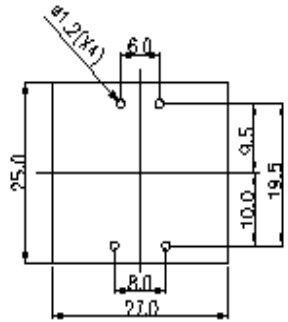
TOP VIEW



SIDE VIEW

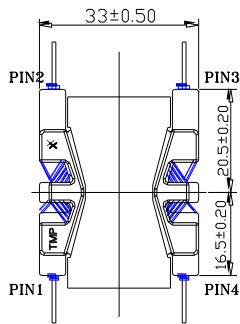


BOTTOM VIEW

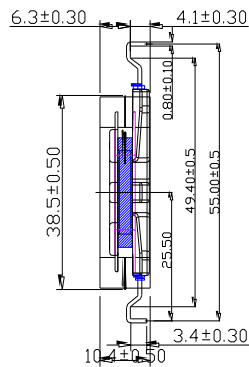


PCB PATTERN

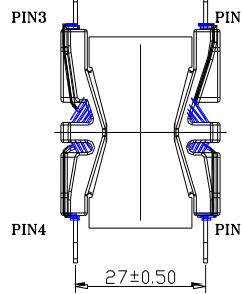
TPC-380070



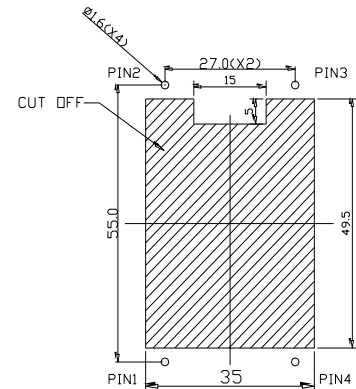
TOP VIEW



SIDE VIEW

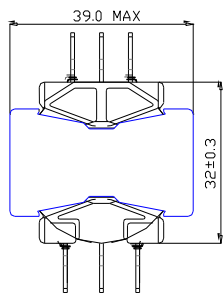


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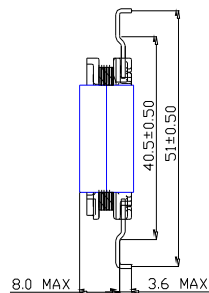


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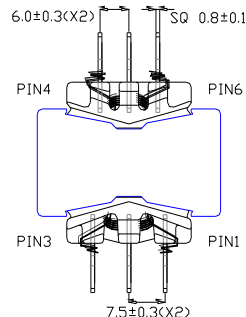
TPC-380080



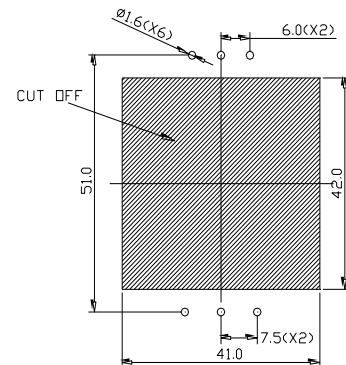
TOP VIEW



SIDE VIEW

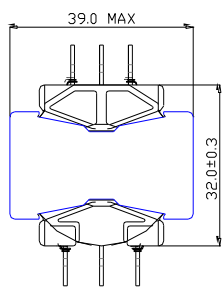


BOTTOM VIEW

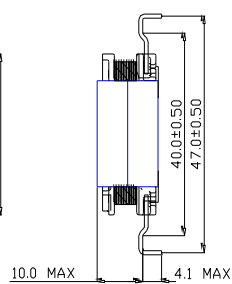


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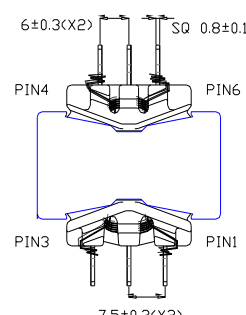
TPC-380100



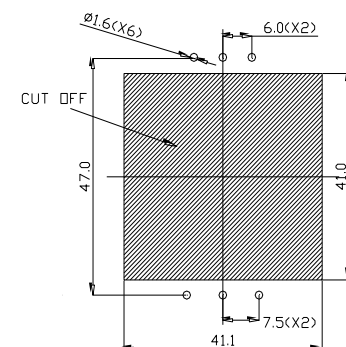
TOP VIEW



SIDE VIEW



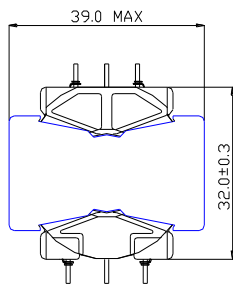
BOTTOM VIEW



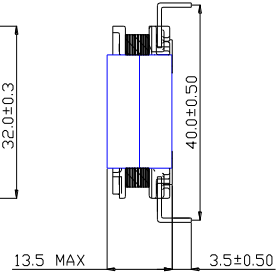
PCB PATTERN

Physical Dimension (unit : mm)

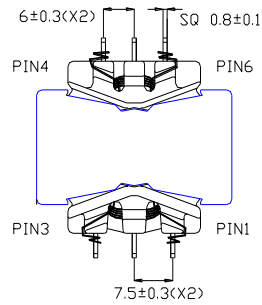
TPC-380135



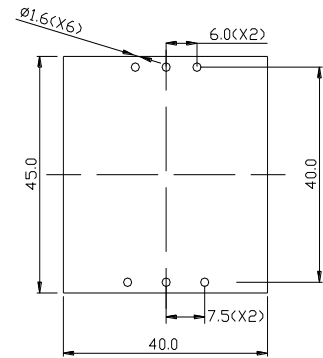
TOP VIEW



SIDE VIEW



BOTTOM VIEW



PCB PATTERN

TPC-300074

