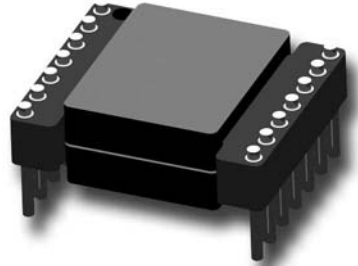


AC-DC SERIES: P215

Third generation of planar transformers

Features

- High power planar transformer for AC/DC SMPS.
- According UL1950 / EN60950.
- UL 94V0 material.
- Storage temperature from -20°C to 130°C.
- Operating temperature -20°C to 85°C.
- Power up to 15W.



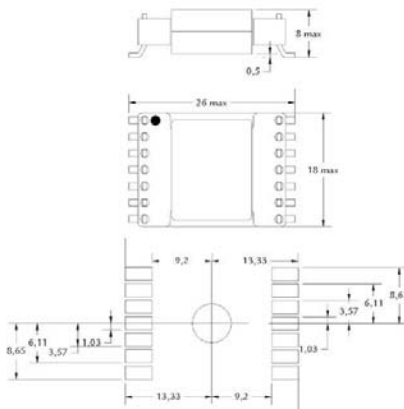
Electrical specifications

Part Number	Input Voltage Vdc (V)	Output Voltage (V)	Output Current (A)	Power (W)	Frequency (kHz)	Duty cycle	Topology	Inductance (μH±25)	Typ Leakage Inductance (μH)	Turns Ratio (Pri:Sec)	Max Total losses (W)
P215FK3DX1	100-350	3,3	4,5	15	400	0,47	Flyback	144	0,3	30:1	0,46
P215FK3DX2	100-350	5	3	15	400	0,41	Flyback	138	0,3	27:1	0,46
P215FK3DX3	100-350	12	1,25	15	400	0,46	Flyback	144	0,3	10:3	0,46

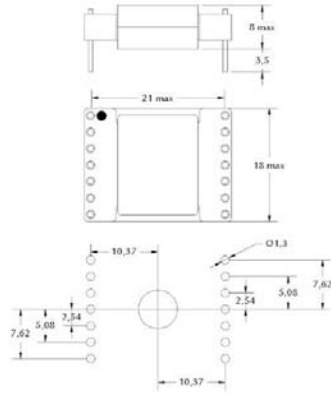
Notes

Replace X by S for SMD application and P for PTH application.

Dimensions

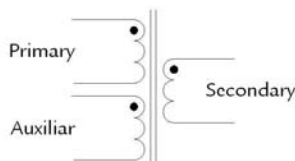


Recommended PCB layout



Recommended PCB layout

Schematics



FLYBACK