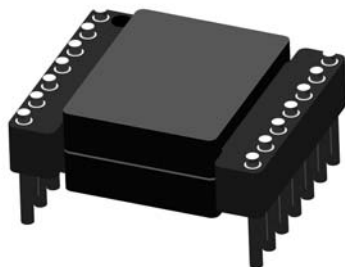


AC-DC SERIES: P215

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.



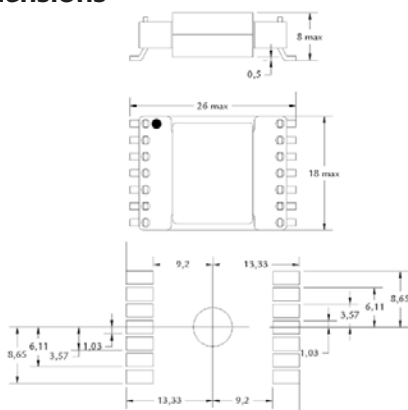
Electrical specifications

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

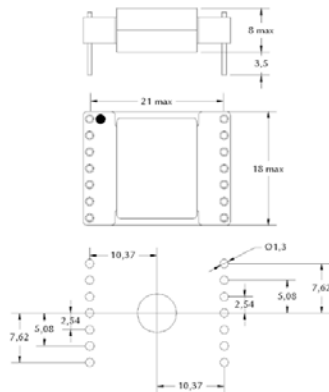
Notes

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

Dimensions

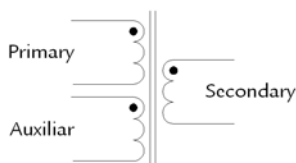


Recommended PCB layout



Recommended PCB layout

Schematics



FLYBACK