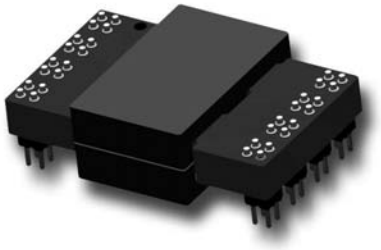
DC-DC SERIES: P032

Third generation of planar transformers

Features

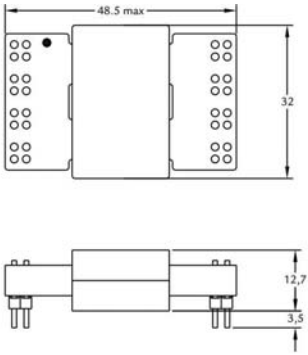
-High power planar transformer for DC/DC converter.
-According UL1950 / EN60950.
-UL 94V0 material.
-Storage temperature from -20°C to 130°C.
-Operating temperature -20°C to 85°C.
-Power up to 600W.

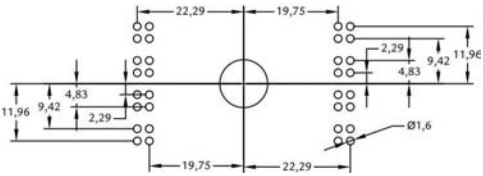


Electrical specifications

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)
P032PP1CP1	36-72	5	60	300	200	0,45	Push-Pull	150	0,3	5:1	3
P032FB1CP1	36-72	12	50	600	200	0,45	Full-Bridge	150	0,3	5:2	6
P032FB1CP2	36-72	24	20	480	200	0,43	Full-Bridge	150	0,3	5:4	5

Dimensions





Recommended PCB layout

Schematics