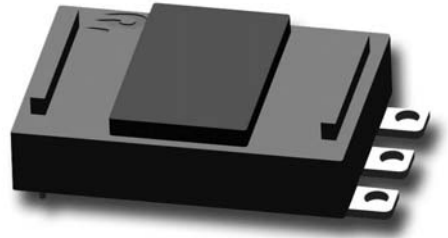


# DC-DC SERIES: P043

## 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 960W.



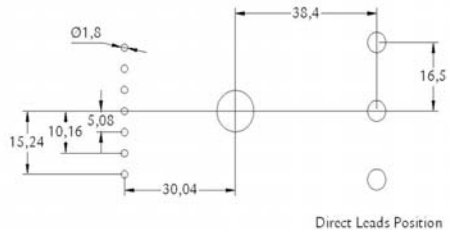
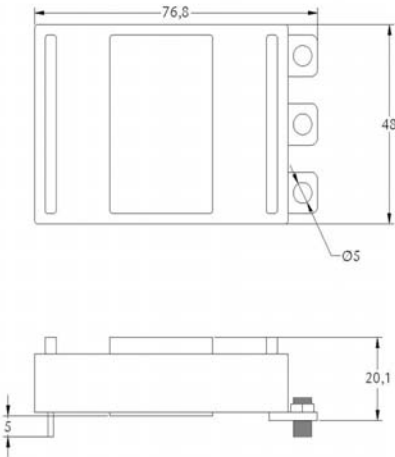
### Electrical specifications

Part Number	Input Voltage Vdc (V)	Output Voltage (V)	Output Current (A)	Power (W)	Frequency (kHz)	Duty cycle	Topology	Inductance ( $\mu\text{H}\pm 25\%$ )	Typ Leakage Inductance ( $\mu\text{H}$ )	Turns Ratio (Pri:Sec)	Max Total losses (W)
P043FB1CP1	36-72	12	80	960	150	0,46	Full-Bridge	200	0,9	5:2	9
P043FB1CP2	36-72	24	40	960	150	0,47	Full-Bridge	128	0,6	4:3	9

### Notes

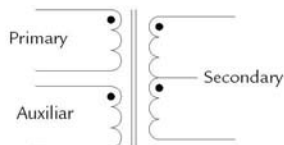
Direct Leads on Secondary side.M-5 screw recommended.

### Dimensions



Recommended PCB layout

### Schematics



FULL BRIDGE /  
HALF BRIDGE