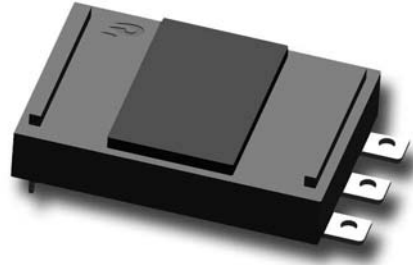


# DC-DC SERIES: P058

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.



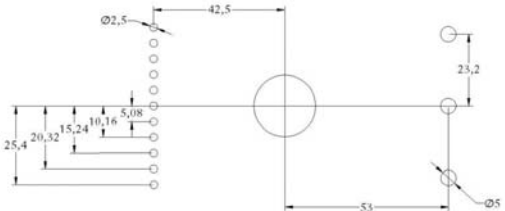
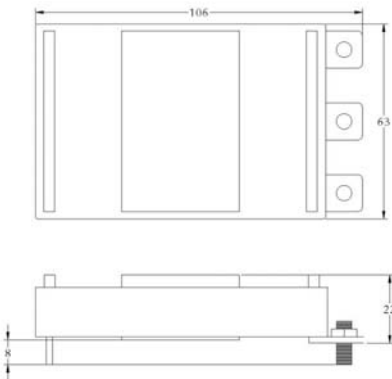
## Electrical specifications

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)
P058PP1CP1	36-72	24	60	1440	100	0,45	Push - Pull	34	0,5	1:1	15
P058PP1CP2	36-72	12	100	1200	100	0,46	Push - Pull	212,5	0,5	5:2	17

### Notes

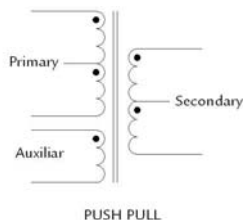
Direct Leads on Secondary side.M-5 screw recommended.

## Dimensions



Recommended PCB layout

## Schematics



PUSH PULL