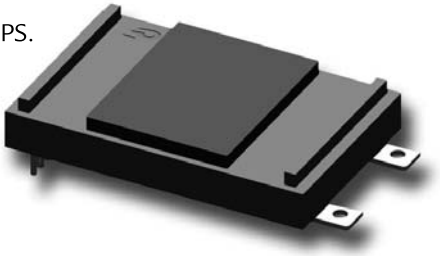
AC-DC SERIES: P264

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 4800W.



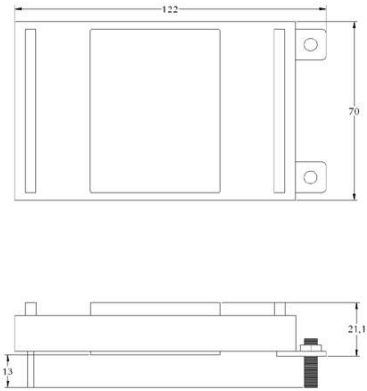
Electrical specifications

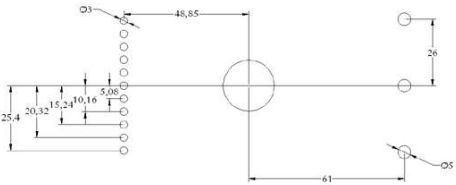
Part Number	Input Voltage Vdc (V)	Output Voltage (V)	Output Current (A)	Power (W)	Frequency (kHz)	Duty cycle	Topology	Inductance (mH±25%)	Typ Leakage Inductance (µH)	Turns Ratio (Pri:Sec)	Max Total losses (W)
P264FB4DP(1)	350-420	24	100	2500	80-100	0,45	Full - Bridge	4,86	6,5	6:1	20
P264FB4DP(2)	350-420	48	100	4800	80-100	0,45	Full - Bridge	4,86	6,5	6:1	20

Notes

(1) Current doubler in secondary winding.
(2) Bridge rectifier in secondary winding.

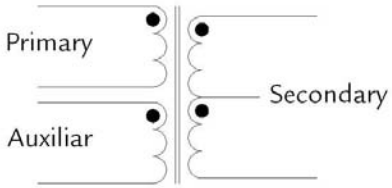
Dimensions





Recommended PCB layout

Schematics



FULL BRIDGE