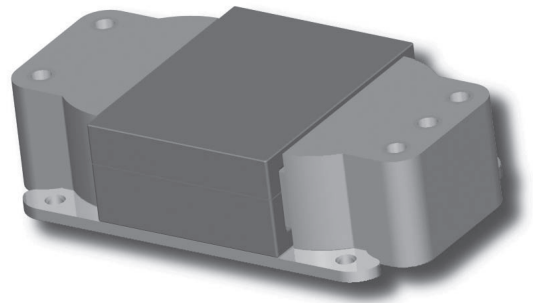


HPT SERIES

Features

- High power planar transformers for HV systems
- According AEC-Q200.
- High efficiency (99%).
- Skin and proximity effects reduced.
- Storage temperature from -50°C to 175°C
- Operating temperature from -40°C to 90°C with heat sink dissipation (effective temperature up to 125°C)
- Power module-like assembly.
- Threaded output terminals.
- Very low profile.
- Improved room area less than 100 sq cm.

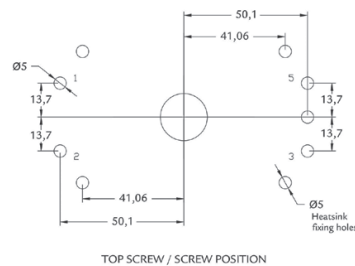
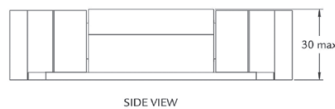
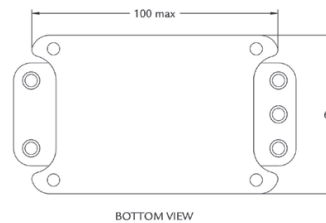
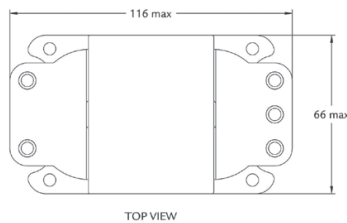


Planar Transformers

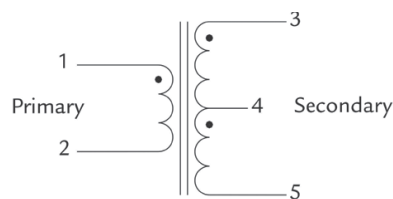
Electrical specifications

Part Number	Input Voltage Vdc (V)	Output Voltage (V)	Output Current (A)	Power (W)	Frequency (kHz)	Duty cycle	Topology	Inductance (±25%)	Leakage Inductance (µH)	Turns Ratio (Pri:Sec)	Max Total losses (W)
HPT-001	70-130	14	120	1700	40	0,42	Full Bridge	9,60µH	1,5	4:1	14
HPT-002	260-420	14	160	2200	100-150	0,45	ZVT Full Bridge	2,94mH	1,5	14:1	18
HPT-003	350-420	420	7,5	3150	100-150	0,46	ZVT Full Bridge	3,84mH	5	16:20	18

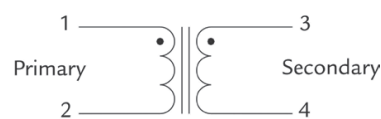
Dimensions



Electrical Schematics



HPT-001/002



HPT-003