T SERIES

2W REGULATED BORAD MOUNTING TYPE WITH HIGH ISOLATION VOLTAGE AND PWM

* Single regulated output
* Board mounting package
* Power rating up to 2 Watts
* Pulse Width Modulation (PWM) device
* Short circuit protection and overload protection
* Isolation voltage of 2000VDC minimum
* Input voltage of 5, 12 or 24VDC
* Designed for industrial equipments and high performance data processing equipments.

A. ELECTRICAL CHARACTERISTICS

All specifications are under +25°C, nominal line and full load unless otherwise noted.

GENERAL SPECIFICATIONS:

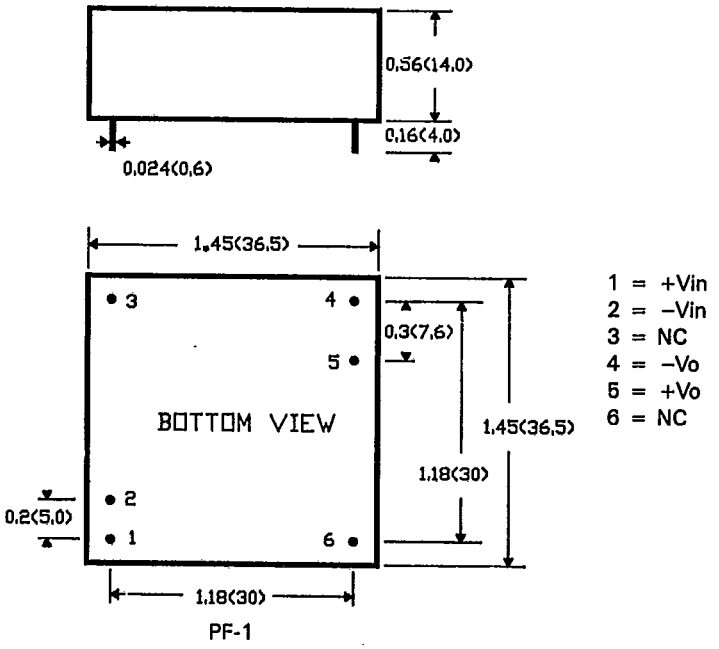
EFFICIENCY.....70% (TYP)
ISOLATION.....2000VDC MIN.
OPERATING TEMPERATURE.....-20°C TO +70°C
STORAGE TEMPERATURE.....-40°C TO +85°C
OPERATING FREQUENCY.....30KHz MIN.
OUTPUT POWER.....UP TO 2 WATTS
OUTPUT VOLTAGE TOLERANCE.....+/- 5%
OUTPUT RIPPLE & NOISE.....100 mVp-p (MAX) @ 20MHz BW

B. SELECTION GUIDE

MODEL	INPUT VOLTAGE(Vi)	OUTPUT VOLTAGE(Vo)	OUTPUT CURRENT(Io)	MECHANICAL CONSTRUCTION
DPS05T05	5 V	5 V	300mA	PF-1
DPS05T09	5 V	-9 V	200mA	PF-1
DPS05T12	5 V	12 V	140mA	PF-1
DPS05T15	5 V	15 V	100mA	PF-1
DPS05T24	5 V	24 V	80mA	PF-1
DPS12T05	12 V	5 V	300mA	PF-1
DPS12T09	12 V	-9 V	200mA	PF-1
DPS12T12	12 V	12 V	140mA	PF-1
DPS12T15	12 V	15 V	100mA	PF-1
DPS12T24	12 V	24 V	80mA	PF-1
DPS24T05	24 V	5 V	300mA	PF-1
DPS24T09	24 V	-9 V	200mA	PF-1
DPS24T12	24 V	12 V	140mA	PF-1
DPS24T15	24 V	15 V	100mA	PF-1
DPS24T24	24 V	24 V	80mA	PF-1

C. MECHANICAL CONSTRUCTION

UNIT: INCH(mm)



PF-1

NOTE: Specifications are subject to change without notice