



Customer PREMO S.A.	Customer Ref. P018FW1CP	Description Planar transformer 50W			
Project Ref P018FW1CP	Prototype Ref. PW-1506	OrderingCode	Date 27/09/07	Edition 1	Page 2/3


2. Electrical parameters

CONVERTER	FORWARD
MODE	CONTINUOUS
INPUT	
PRIMARY(Vdc)	36-72
OUTPUT	
SECONDARY(Vdc/A)	5/10A
SWITCHING FRECUENCY	400kHz
Duty cycle(typical)	0.43
STORAGE TEMPERATURE	-20 TO 130°C
MOUNTING	PTH
INDUCTANCE (Prim)	205uH ± 30%
LEAKAGE INDUCTANCE (Prim)	1uH MAX
URNS RATIO	
Prim : Sec	3:1
DC RESISTANCE	
Primary	65mohm MAX
Secondary	10mohm MAX
SAFETY STANDARD	According to UL1950 / EN60950

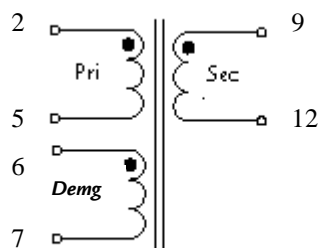
Notes: - Inductance measured at 10kHz / 10mVac
- Leakage inductance measured at 100kHz / 10mVac

DIMENSIONS: mm

TECHNICAL SPECIFICATION

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3. Electrical diagram



4. Marking

The transformer is marked on the top as follows:

PREMO
XX:WEEK P018FW1CP2
YY:YEAR

5. Packaging

- Tape and reel.
- Put RoHS label on the package.

6. Standard

- RoHS directive



7. Edition control

Edition	Changed by	Date	Change description
1 st	Cherry	27-09-07	Preliminary edition

DIMENSIONS: mm	TECHNICAL SPECIFICATION
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