



Customer
PREMO S.A.

Customer Ref.
P018FW1CP

Description

Planar transformer 50W

Project Ref

Prototype Ref.

OrderingCode

Date

Edition

Page

P018FW1CP

PW-1507

26/09/07

1

2/3

2. Electrical parameters


CONVERTER	FORWARD
MODE	CONTINUOUS
INPUT	
PRIMARY(Vdc)	36-72
OUTPUT	
SECONDARY(Vdc/A)	12/4A
SWITCHING FREQUENCY	400kHz
Duty cycle(typical)	0.42
STORAGE TEMPERATURE	-20 TO 130°C
MOUNTING	PTH
INDUCTANCE (Prim)	137.1uH ± 30%
LEAKAGE INDUCTANCE (Prim)	1uH MAX
URNS RATIO	
Prim : Sec	7: 6
DC RESISTANCE	
Primary	45mohm MAX
Secondary	35mohm MAX
SAFETY STANDARD	According to UL1950 / EN60950

Notes: - Inductance measured at 10kHz / 10mVac

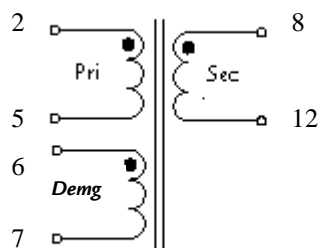
- Leakage inductance measured at 100kHz / 10mVac

DIMENSIONS: mm

TECHNICAL SPECIFICATION

	Customer PREMO S.A.	Customer Ref. P018FW1CP	Description Planar transformer 50W			
	Project Ref P018FW1CP	Prototype Ref. PW-1507	OrderingCode	Date 26/09/07	Edition 1	Page 3/3

3. Electrical diagram



4. Marking

The transformer is marked on the top as follows:

PREMO
XX:WEEK P018FW1CP3
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	25-09-07	Preliminary edition

DIMENSIONS: mm	TECHNICAL SPECIFICATION
----------------	-------------------------