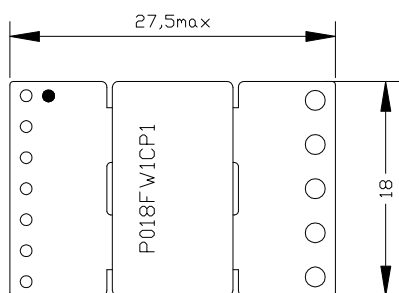
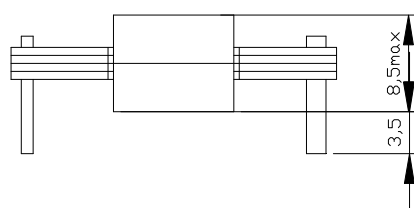
	Customer PREMO S.A.	Customer Ref. P018FW1CP	Description Planar transformer 50W			
	Project Ref P018FW1CP	Prototype Ref. PW-1505	OrderingCode	Date 24/09/07	Edition 1	Page 1/4

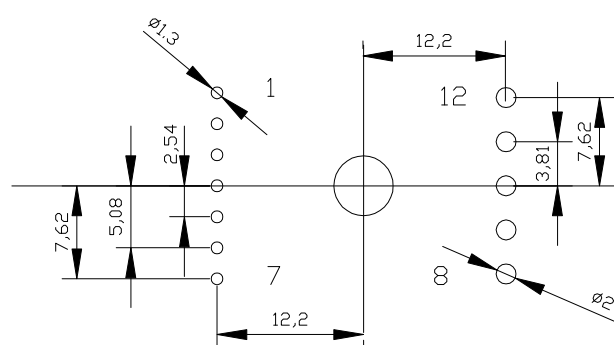
1. Dimensions



Front view



Lateral view



Recommended PCB layout
(Top view)

Notes:

- **Materials: UL 94V0-Approved.**
- **White dot on the PWB marking pin 1.**
- **General tolerance: $\pm 0.5\text{mm}$, pin pitch tolerance: $\pm 0.2\text{mm}$.**

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



Customer PREMO S.A.	Customer Ref. P018FW1CP	Description Planar transformer 50W			
Project Ref P018FW1CP	Prototype Ref. PW-1505	OrderingCode	Date 24/09/07	Edition 1	Page 2/4


2. Electrical parameters

CONVERTER	FORWARD
MODE	CONTINUOUS
INPUT	
PRIMARY(Vdc)	36-72
OUTPUT	
SECONDARY(Vdc/A)	3.3/15A
SWITCHING FRECUENCY	400kHz
Duty cycle(typical)	0.44
STORAGE TEMPERATURE	-20 TO 130°C
MOUNTING	PTH
INDUCTANCE (Prim)	226.6uH ± 25%
LEAKAGE INDUCTANCE (Prim)	1uH MAX
TURNS RATIO	
Prim : Sec	9:2
DC RESISTANCE	
Primary	70mohm MAX
Secondary	3.8mohm MAX
SAFETY STANDARD	According to UL1950 / EN60950

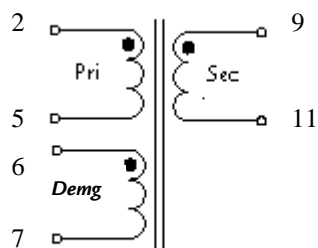
Notes: - Inductance measured at 10kHz / 10mVac
- Leakage inductance measured at 100kHz / 10mVac

DIMENSIONS: mm

TECHNICAL SPECIFICATION

	Customer PREMO S.A.	Customer Ref. P018FW1CP	Description Planar transformer 50W			
	Project Ref P018FW1CP	Prototype Ref. PW-1505	OrderingCode	Date 24/09/07	Edition 1	Page 3/4

3. Electrical diagram



4. Marking

The transformer is marked on the top as follows:

PREMO
XX:WEEK P018FW1CP1
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
----------------	-------------------------