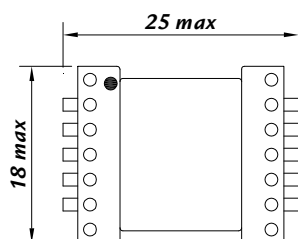
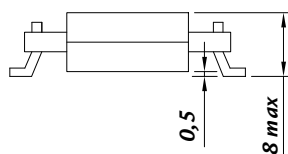
	Customer <b>PREMO S.A.</b>	Customer Ref. <b>P015FW1CS</b>	Description <b>Planar transformer of catalogue</b>			
	Project Ref <b>P015FW1CS</b>	Prototype Ref. <b>PW-1433</b>	OrderingCode	Date <b>05/07/07</b>	Edition <b>1</b>	Page <b>1/4</b>

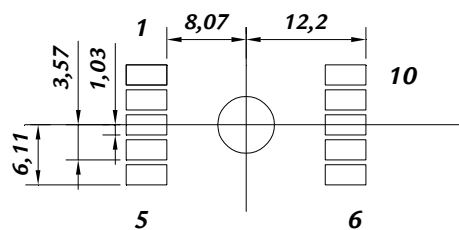
## 1. Dimensions



Front View



Lateral View



PCB layout recommended  
(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:  $\pm 0.2\text{mm}$ .
- Complanarity: 150  $\mu\text{m}$ .

DIMENSIONS: mm	TECHNICAL SPECIFICATION
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<b>Customer</b> <b>PREMO S.A.</b>	<b>Customer Ref.</b> <b>P015FW1CS</b>	<b>Description</b> <i>Planar transformer of catalogue</i>			
<b>Project Ref</b> <b>P015FW1CS</b>	<b>Prototype Ref.</b> <b>PW-1433</b>	<b>OrderingCode</b>	<b>Date</b> <b>05/07/07</b>	<b>Edition</b> <b>1</b>	<b>Page</b> <b>2/4</b>


## 2. Electrical parameters

CONVERTER	FORWARD
MODE	CONTINUOUS
INPUT	
PRIMARY(Vdc)	36-72
OUTPUT	
SECONDARY(Vdc)	5/4A
SWITCHING FRECUENCY	400kHz
Duty cycle(typical)	0.43
STORAGE TEMPERATURE	-20 TO 130°C
MOUNTING	SMD
INDUCTANCE (Prim)	213.5uH ± 25%
LEAKAGE INDUCTANCE (Prim)	1uH MAX
TURNS RATIO	
Prim : Sec	3:1
DC RESISTANCE	
Primary	95mohm MAX
Secondary	13mohm MAX
SAFETY STANDARD	According to UL1950 / EN60950

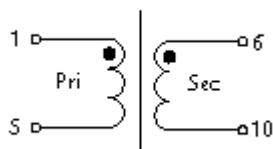
Notes: - Inductance measured at 10kHz / 10mVac  
- Leakage inductance measured at 10kHz / 10mVac

**DIMENSIONS:** mm

**TECHNICAL SPECIFICATION**

	Customer <b>PREMO S.A.</b>	Customer Ref. <b>P015FW1CS</b>	Description <b>Planar transformer of catalogue</b>			
	Project Ref <b>P015FW1CS</b>	Prototype Ref. <b>PW-1433</b>	OrderingCode	Date <b>05/07/07</b>	Edition <b>1</b>	Page <b>3/4</b>

### 3. Electrical diagram



### 4. Marking

The transformer is marked on the top as follows:

PREMO  
XX:WEEK P015FW1CS3  
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 <sup>st</sup>	SHEN	05-07-07	Preliminary edition

DIMENSIONS: mm	TECHNICAL SPECIFICATION
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