

PRODUCT SPECIFICATION

Description

CMC/14,6 mH/36 Amps/3W/THT



Customer

WOLFSPEED

Cust P/N

Prax P/N

PI-103471-00

Edition

EDA

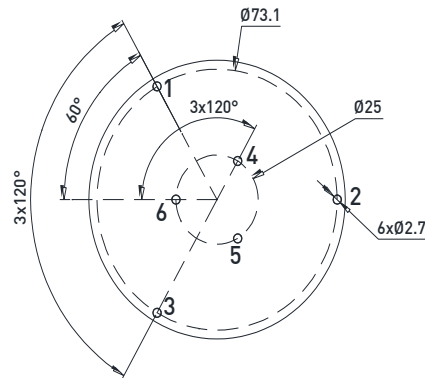
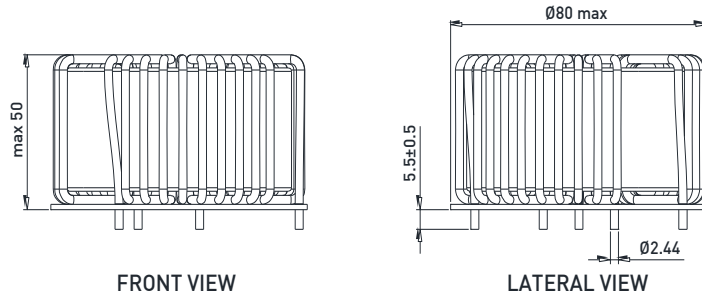
Date

15-May-2024

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DIMENSIONS



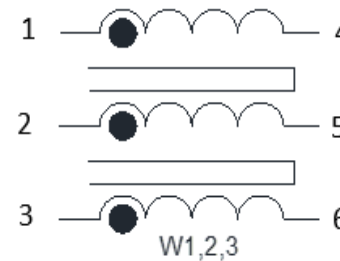
Notes

1 Weight: 510 g.

2 min 4 mm creepage & clearance between windings.

Edition	Change Description	Changed by	Date
A	First edition - PRELIMINARY	E0	10-5-24
A	Update output references	E0	15-5-24

ELECTRICAL DIAGRAM



APPLIED STANDARDS

- 1 RoHS and REACH
- 2 All materials UL approved

MARKING

Mark on bottom side of base as follows:

PI-103471-00 EDA
PRAX WW/YY

WW Week
YY Year

WORKING CONDITIONS

Inductance W1,2,3 (no load)	14,58mH ± 30% @ 10 kHz
Inductance W1,2,3 (no load)	5,1mH min @ 100 kHz
Low frequency current	36Amps at 50Hz
Ipeak	40Amps
Rated voltage	440 Vrms line
DC Resistance W1,2,3	4,5mOhm max (25°C)
Insulation (W1/W2/W3)	2500Vac 50Hz
Copper losses	18Watts at 100°C
Estimated temp rise	45°C (no cooling)
Operating temperature	-30°C to 130°C

Operating temperature includes component self heating

PARAMETERS TESTED

Parameter	Min	Typ	Max	Unit	Condition
Inductance (W1)	10,20	14,58	18,96	mH	10kHz, 1Vac
DCR (W1)			4,5	mOhm	25°C
Hi-Pot (W1/W2/W3)	2500			Vac	1,0 mA, 2 sec

General dimension tolerance unless otherwise stated: ±0,2
Unless otherwise stated dimensions are in mm

Designed by
E0

Approved by
PC

