

Power Inductors Unshielded-SMT Drum 13 x 5 mm

POWER INDUCTORS

[SDIP1306LP Series]



MAX. DIM :
L = 18.54 mm
W= 15.24 mm
H = 7.11 mm

- Used in high frequency DC/DC converters.
- Low DC resistance.
- Flat base allows meet low profile.
- Current handling up to 2.9 Amps
- Open construction provides stable inductance for increasing currents.
- Inductance range available from 0.91 μ H to 470 μ H
- Energy storage limit of 400 μ J.
- Tape & Reel : 250 pcs/Reel, 4 Reels/Box.

MECHANICAL SPECIFICATIONS

Top View	Side View	PCB Layout (Top)	Schematic

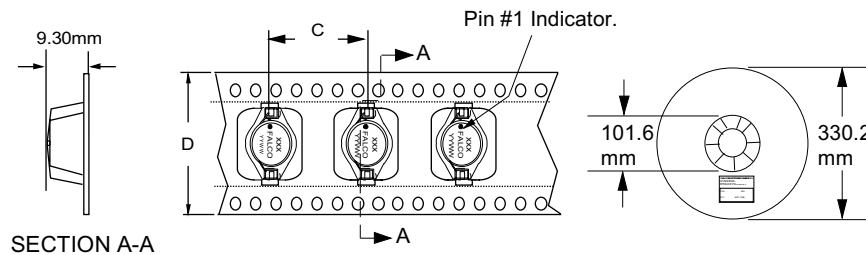
Marking Inductance Value / Add "L" letter for RoHS parts

*FINAL DESIGN FOR PCB LAYOUT IS LEFT TO THE USER

All dimensions are in inches [mm]

Packaging Information

Tape & Reel



ITEM	DESCRIPTION	QTY.
A	QTY. PEER REEL	250
B	QTY.BOX	1000
C	PITCH	24 mm
D	TAPE WIDTH	32 mm

See tape and reel information 42-001

ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	RoHS PART NUMBER	OCL(μ H) ¹ $\pm 20\%$	DCR (Ω max)	I rating ² (Amp)	I sat ³ (Amp)
D13025	D13L25	47	0.086	2.90	5.0
D13033		100	0.190	1.70	3.2
D13026	D13L26	470	0.735	0.92	1.5

1. Inductance tested at 100 KHz 0.25 V.
2. Temperature rise is 40°C Typ.
3. Inductance drop 10% Typ. at Isat.
4. Operating Temp. range -40°C to +85°C.
5. OCL and DCR tested at Ta= 25°C.



RoHS COMPLIANT PRODUCT

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Inductance & Temp. Rise vs Current (SDIP1306LP Series)

