

# Inductor for power line radial

## 『TZNL125145CA SERIES』



### ■ Features

- Low DC resistance and High power capacities
- Bulk and taping packaging
- Applies to Variety of electronic equipments.

### ■ 特長

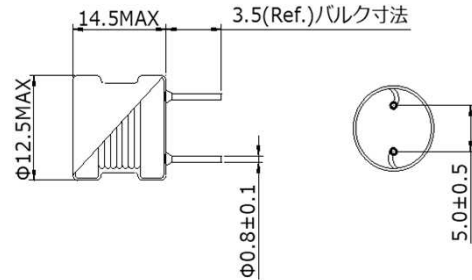
- 低抵抗、高出力。
- バルク及び、テーピング梱包です。
- 種々の電子装置に応用出来ます。

### ■ Dimensios

Appearance/外観



Dimensions/形状寸法



### ■ Electric Specifications/電気特性

#### ● TYPE TZNL125145CA (φ 12.5mm × 14.5mm Hight)

DSC Part Number	Inductance (μH)		DC Resistance (Ω) MAX	Rated current (A) MAX
	公差			
TZNL125145CA- 3R3	3.3	±20%	0.010	5.50
TZNL125145CA- 3R9	3.9		0.011	5.00
TZNL125145CA- 4R7	4.7		0.013	5.00
TZNL125145CA- 5R6	5.6		0.014	4.80
TZNL125145CA- 6R8	6.8		0.019	4.80
TZNL125145CA- 8R2	8.2		0.021	4.50
TZNL125145CA- 100	10	±10%	0.023	4.20
TZNL125145CA- 120	12		0.024	4.00
TZNL125145CA- 150	15		0.026	3.80
TZNL125145CA- 180	18		0.031	3.80
TZNL125145CA- 220	22		0.038	3.50
TZNL125145CA- 270	27		0.043	3.20
TZNL125145CA- 330	33		0.049	3.00
TZNL125145CA- 390	39		0.054	2.50
TZNL125145CA- 470	47		0.061	2.00
TZNL125145CA- 560	56		0.068	1.80

DSC Part Number	Inductance (μH)		DC Resistance (Ω) MAX	Rated current (A) MAX
	公差			
TZNL125145CA- 680	68	±10%	0.10	1.70
TZNL125145CA- 820	82		0.11	1.60
TZNL125145CA- 101	100		0.13	1.50
TZNL125145CA- 121	120		0.15	1.40
TZNL125145CA- 151	150		0.19	1.20
TZNL125145CA- 181	180		0.24	1.00
TZNL125145CA- 221	220		0.26	0.90
TZNL125145CA- 271	270		0.36	0.80
TZNL125145CA- 331	330		0.45	0.70
TZNL125145CA- 391	390		0.55	0.60
TZNL125145CA- 471	470		0.63	0.55
TZNL125145CA- 561	560		0.80	0.50
TZNL125145CA- 681	680		0.94	0.50
TZNL125145CA- 821	820		1.10	0.40
TZNL125145CA- 102	1,000		1.40	0.30

### ■ Conditions/測定条件

(1)The rated DC current is that which cause a 10% inductance reduction from the initial value or inductor surface temperature to rise by 20°C, whichever is smaller.

定格電流は、インダクタンスが初期値から10%低下又は、表面温度が20°C上昇のいずれか小さい方の値です。

(2)The measuring frequency and surroundngs temperature are 100 kHz and 25°C, respectively.

測定周波数: 100kHz。測定周囲温度: 25°C。