



RADIAL LEAD INDUCTOR

TZNL125145CA Series



Features/特徴

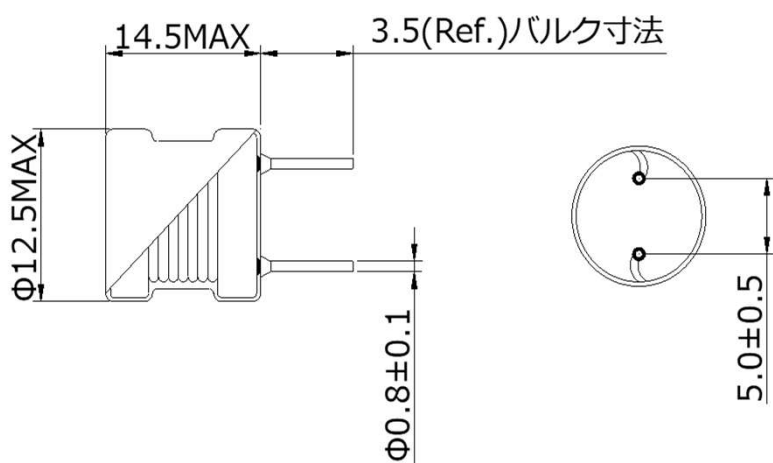
- Low DC resistance and High power capacities
低抵抗、高出力タイプ。
- Bulk and taping packaging
バルク及び、テーピング梱包です。



Applications/用途

- Variety of DC-DC converter inductor applications.
種々のDC-DC コンバータに応用出来ます。

Dimensions



Electrical Characteristics

• TZNL125145CA (Φ12.5mm x14.5mm Height)

Series Name	Inductance (μH)	Inductance Tolerance	DC Resistance (Ω) Max.	Rated current (A) Max.
		(%)		
TZNL120145CA-3R3	3.3	±20	0.010	5.50
TZNL120145CA-3R9	3.9	±20	0.011	5.00
TZNL120145CA-4R7	4.7	±20	0.013	5.00
TZNL120145CA-5R6	5.6	±20	0.014	4.80
TZNL120145CA-6R8	6.8	±20	0.019	4.80
TZNL120145CA-8R2	8.2	±20	0.021	4.50
TZNL120145CA-100	10.0	±10	0.023	4.20
TZNL120145CA-120	12.0	±10	0.024	4.00
TZNL120145CA-150	15.0	±10	0.026	3.80
TZNL120145CA-180	18.0	±10	0.031	3.80
TZNL120145CA-220	22.0	±10	0.038	3.50
TZNL120145CA-270	27.0	±10	0.043	3.20
TZNL120145CA-330	33.0	±10	0.049	3.00
TZNL120145CA-390	39.0	±10	0.054	2.50
TZNL120145CA-470	47.0	±10	0.061	2.00
TZNL120145CA-560	56.0	±10	0.068	1.80

Electrical Characteristics

• TZNL125145CA (Φ12.5mm x14.5mm Height)

Series Name	Inductance (μH)	Inductance Tolerance	DC Resistance (Ω) Max.	Rated current (A) Max.
		(%)		
TZNL105125CA-680	68	±10	0.10	1.70
TZNL105125CA-820	82	±10	0.11	1.60
TZNL105125CA-101	100	±10	0.13	1.50
TZNL105125CA-121	120	±10	0.15	1.40
TZNL105125CA-151	150	±10	0.19	1.20
TZNL105125CA-181	180	±10	0.24	1.00
TZNL105125CA-221	220	±10	0.26	0.90
TZNL105125CA-271	270	±10	0.36	0.80
TZNL105125CA-331	330	±10	0.45	0.70
TZNL105125CA-391	390	±10	0.55	0.60
TZNL105125CA-471	470	±10	0.63	0.55
TZNL105125CA-561	560	±10	0.80	0.50
TZNL105125CA-681	680	±10	0.94	0.50
TZNL105125CA-821	820	±10	1.10	0.40
TZNL105125CA-102	1,000	±10	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 surroundings temperature are 100 kHz and 23±2°C, respectively.

測定周波数：100 kHz、測定周囲温度：23±2°C。