



RADIAL LEAD INDUCTOR

TZSL108145CA Series



Features/特徴

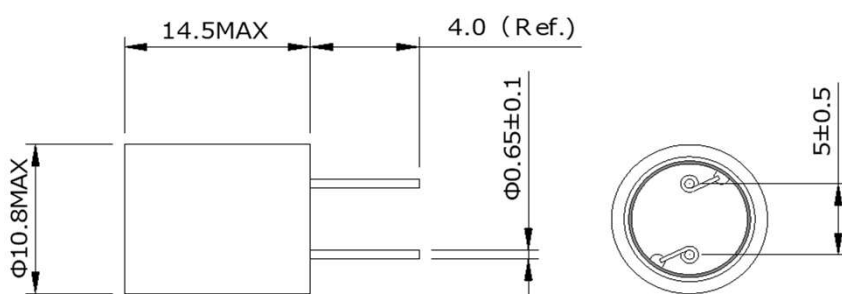
- Low DC resistance and High power capacities
低抵抗、高出力タイプ。
- Closed magnetic circuit results in low DC resistance and low leakage flux.
閉磁路により直流抵抗が小さく漏れ磁束が少ない。
- Bulk packing.
バルク梱包です。



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

• TZSL108145CA (Φ10.8mm x 14.5mm Height)

Series Name	Inductance (μH)	Inductance Tolerance	DC Resistance (Ω) Max.	Rated current (A) Max.
		(%)		
TZSL108145CA-100	10	±20	0.030	4.50
TZSL108145CA-120	12	±20	0.035	4.00
TZSL108145CA-150	15	±20	0.045	3.65
TZSL108145CA-180	18	±20	0.055	3.30
TZSL108145CA-220	22	±20	0.060	3.00
TZSL108145CA-270	27	±20	0.065	2.70
TZSL108145CA-330	33	±20	0.070	2.40
TZSL108145CA-390	39	±20	0.080	2.20
TZSL108145CA-470	47	±20	0.090	2.10
TZSL108145CA-560	56	±20	0.095	1.90
TZSL108145CA-680	68	±20	0.10	1.80
TZSL108145CA-820	82	±20	0.13	1.60
TZSL108145CA-101	100	±20	0.16	1.40
TZSL108145CA-121	120	±20	0.22	1.20
TZSL108145CA-151	150	±20	0.25	1.15
TZSL108145CA-181	180	±20	0.35	1.00
TZSL108145CA-221	220	±20	0.45	0.90
TZSL108145CA-271	270	±20	0.50	0.85
TZSL108145CA-331	330	±20	0.65	0.80
TZSL108145CA-391	390	±20	0.83	0.75
TZSL108145CA-471	470	±20	0.90	0.65
TZSL108145CA-561	560	±20	1.20	0.60
TZSL108145CA-681	680	±20	1.35	0.55
TZSL108145CA-821	820	±20	1.45	0.50
TZSL108145CA-102	1,000	±20	2.00	0.46

Conditions/測定条件

(1) The rated DC current is that which cause a 30% inductance reduction from the initial value or inductor surface temperature to rise by 40°C, whichever is smaller.

定格電流は、インダクタンスが初期値から30%低下又は、表面温度が40°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。