



RADIAL LEAD INDUCTOR

TZSL108130CA Series



Features/特徴

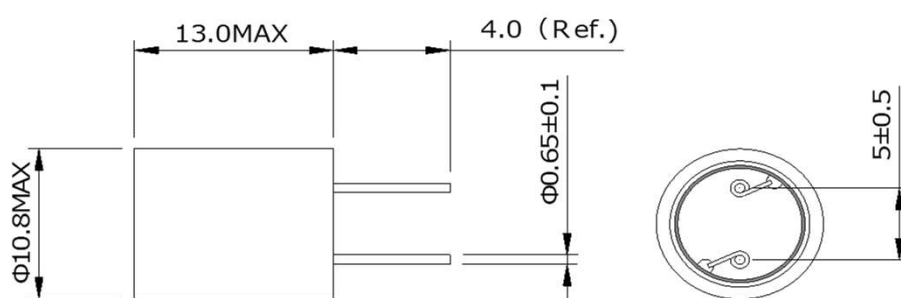
- Low DC resistance and High power capacities
低抵抗、高出力タイプ。
- Closed magnetic circuit results in low DC resistance and low leakage flux.
閉磁路により直流抵抗が小さく漏れ磁束が少ない。
- Bulk packing.
バルク梱包です。



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

• TZSL108130CA (Φ10.8mm x 13.0mm Height)

Series Name	Inductance (μH)	Inductance Tolerance	DC Resistance (Ω) Max.	Rated current (A) Max.
		(%)		
TZSL108130CA-100	10	±20	0.028	3.20
TZSL108130CA-120	12	±20	0.030	3.00
TZSL108130CA-150	15	±20	0.035	2.80
TZSL108130CA-180	18	±20	0.040	2.50
TZSL108130CA-220	22	±20	0.045	2.30
TZSL108130CA-270	27	±20	0.050	2.00
TZSL108130CA-330	33	±20	0.070	1.80
TZSL108130CA-390	39	±20	0.075	1.60
TZSL108130CA-470	47	±20	0.085	1.50
TZSL108130CA-560	56	±20	0.095	1.40
TZSL108130CA-680	68	±20	0.105	1.30
TZSL108130CA-820	82	±20	0.135	1.20
TZSL108130CA-101	100	±20	0.170	1.10
TZSL108130CA-121	120	±20	0.185	0.95
TZSL108130CA-151	150	±20	0.21	0.85
TZSL108130CA-181	180	±20	0.24	0.80
TZSL108130CA-221	220	±20	0.30	0.72
TZSL108130CA-271	270	±20	0.42	0.65
TZSL108130CA-331	330	±20	0.48	0.60
TZSL108130CA-391	390	±20	0.60	0.55
TZSL108130CA-471	470	±20	0.66	0.50
TZSL108130CA-561	560	±20	0.85	0.43
TZSL108130CA-681	680	±20	1.00	0.38
TZSL108130CA-821	820	±20	1.20	0.37
TZSL108130CA-102	1,000	±20	1.40	0.33

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。