



RADIAL LEAD INDUCTOR

TZNL120145CA Series



Features/特徴

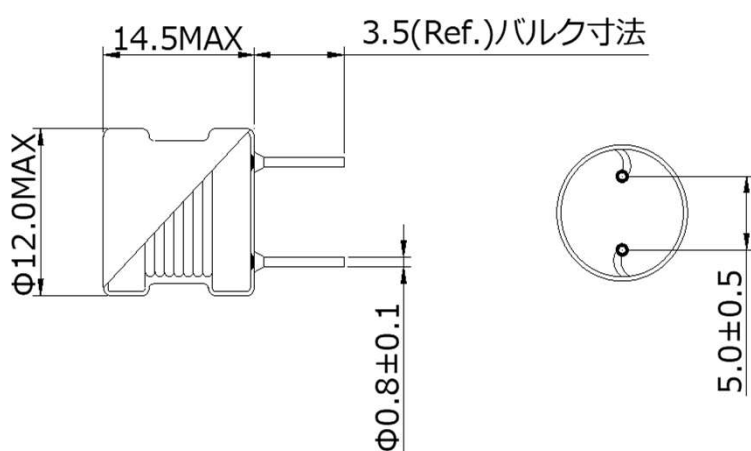
- Low DC resistance and High power capacities
低抵抗、高出力タイプ。
- Bulk and taping packaging
バルク及び、テーピング梱包です。



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

• TZNL120145CA (Φ12.0mm x14.5mm Height)

Series Name	Inductance (μH)	Inductance Tolerance	DC Resistance (Ω) Max.	Rated current (A) Max.
		(%)		
TZNL120145CA-100	10.0	±10	0.024	4.00
TZNL120145CA-120	12.0	±10	0.030	3.80
TZNL120145CA-150	15.0	±10	0.032	3.50
TZNL120145CA-180	18.0	±10	0.038	3.20
TZNL120145CA-220	22.0	±10	0.043	3.00
TZNL120145CA-270	27.0	±10	0.050	2.80
TZNL120145CA-330	33.0	±10	0.063	2.50
TZNL120145CA-390	39.0	±10	0.075	2.00
TZNL120145CA-470	47.0	±10	0.088	1.90
TZNL120145CA-560	56.0	±10	0.11	1.80
TZNL120145CA-680	68.0	±10	0.13	1.70
TZNL120145CA-820	82.0	±10	0.14	1.60
TZNL120145CA-101	100.0	±10	0.19	1.50
TZNL120145CA-121	120.0	±10	0.21	1.20
TZNL120145CA-151	150.0	±10	0.30	1.00
TZNL120145CA-181	180.0	±10	0.33	0.70
TZNL120145CA-221	220.0	±10	0.48	0.60
TZNL120145CA-271	270.0	±10	0.54	0.50
TZNL120145CA-331	330.0	±10	0.62	0.45
TZNL120145CA-391	390.0	±10	0.75	0.40
TZNL120145CA-471	470.0	±10	0.84	0.35
TZNL120145CA-561	560.0	±10	1.16	0.30

Electrical Characteristics

• TZNL120145CA (Φ12.0mm x14.5mm Height)

Series Name	Inductance (μH)	Inductance Tolerance	DC Resistance (Ω) Max.	Rated current (A) Max.
		(%)		
TZNL105125CA-681	680	±10	1.25	0.25
TZNL105125CA-821	820	±10	1.40	0.20
TZNL105125CA-102	1,000	±10	1.75	0.20
TZNL105125CA-122	1,200	±10	2.00	0.18
TZNL105125CA-152	1,500	±10	2.75	0.17
TZNL105125CA-182	1,800	±10	3.10	0.16
TZNL105125CA-222	2,200	±10	3.50	0.15
TZNL105125CA-272	2,700	±10	5.50	0.14
TZNL105125CA-332	3,300	±10	6.20	0.13
TZNL105125CA-392	3,900	±10	6.85	0.12
TZNL105125CA-472	4,700	±10	8.40	0.12
TZNL105125CA-562	5,600	±10	9.40	0.11
TZNL105125CA-682	6,800	±10	10.5	0.10
TZNL105125CA-822	8,200	±10	13.0	0.10
TZNL105125CA-103	10,000	±10	14.9	0.09
TZNL105125CA-123	12,000	±10	18.8	0.09
TZNL105125CA-153	15,000	±10	25.6	0.08
TZNL105125CA-183	18,000	±10	31.6	0.08
TZNL105125CA-223	22,000	±10	36.0	0.07
TZNL105125CA-273	27,000	±10	41.4	0.05
TZNL105125CA-333	33,000	±10	52.6	0.04

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。