RADIAL LEAD INDUCTOR

TZNL105125CA Series

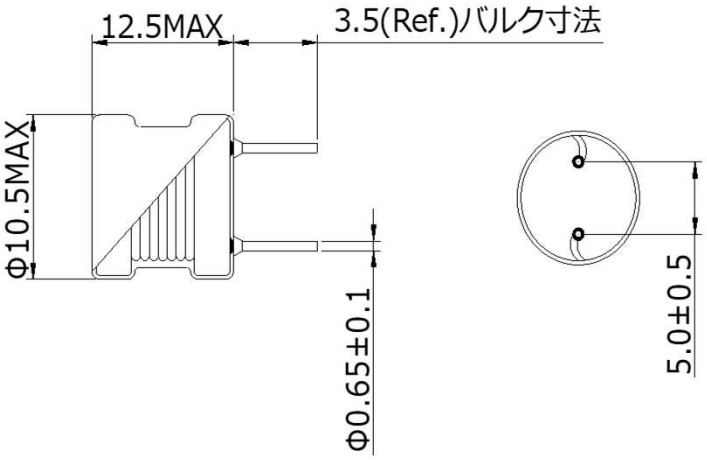
Features/特徴

・ 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

• TZNL105125CA (Φ10.5mm x12.5mm Height)

Series Name	Inductance	Inductance Tolerance	DC Resistance	Rated current
	(μH)	(%)	(Ω) Max.	(A) Max.
TZNL105125CA-1R2	1.2	±20	0.005	6.50
TZNL105125CA-2R2	2.2	±20	0.010	6.00
TZNL105125CA-3R3	3.3	±20	0.011	5.50
TZNL105125CA-4R7	4.7	±20	0.015	4.20
TZNL105125CA-8R2	8.2	±20	0.021	3.80
TZNL105125CA-100	10	±10	0.030	4.00
TZNL105125CA-120	12	±10	0.033	4.00
TZNL105125CA-150	15	±10	0.034	3.00
TZNL105125CA-180	18	±10	0.040	2.50
TZNL105125CA-220	22	±10	0.045	2.50
TZNL105125CA-270	27	±10	0.054	2.30
TZNL105125CA-330	33	±10	0.072	2.10
TZNL105125CA-390	39	±10	0.080	1.80
TZNL105125CA-470	47	±10	0.087	1.90
TZNL105125CA-560	56	±10	0.10	1.50
TZNL105125CA-680	68	±10	0.11	1.40
TZNL105125CA-820	82	±10	0.15	1.20
TZNL105125CA-101	100	±10	0.18	1.10
TZNL105125CA-121	120	±10	0.21	1.10

Electrical Characteristics

• TZNL105125CA (Φ10.5mm x12.5mm Height)

Series Name	Inductance	Inductance Tolerance	DC Resistance	Rated current
	(μH)	(%)	(Ω) Max.	(A) Max.
TZNL105125CA-151	150	±10	0.25	1.10
TZNL105125CA-181	180	±10	0.30	1.00
TZNL105125CA-201	200	±10	0.36	0.95
TZNL105125CA-221	220	±10	0.38	0.85
TZNL105125CA-251	250	±10	0.41	0.78
TZNL105125CA-271	270	±10	0.43	0.75
TZNL105125CA-301	300	±10	0.51	0.72
TZNL105125CA-331	330	±10	0.55	0.69
TZNL105125CA-471	470	±10	0.74	0.56
TZNL105125CA-102	1,000	±10	1.65	0.38
TZNL105125CA-122	1,200	±10	1.90	0.34
TZNL105125CA-152	1,500	±10	2.45	0.32
TZNL105125CA-162	1,600	±10	2.55	0.29
TZNL105125CA-222	2,200	±10	3.55	0.27
TZNL105125CA-302	3,000	±10	4.40	0.21
TZNL105125CA-472	4,700	±10	7.45	0.15
TZNL105125CA-802	8,000	±10	13.70	0.13
TZNL105125CA-123	12,000	±10	21.40	0.10
TZNL105125CA-153	15,000	±10	27.20	0.09

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 23±2°C, respectively.
測定周波数：100 k Hz、測定周囲温度：23±2°C。