RADIAL LEAD INDUCTOR

TZNL6590CA Series

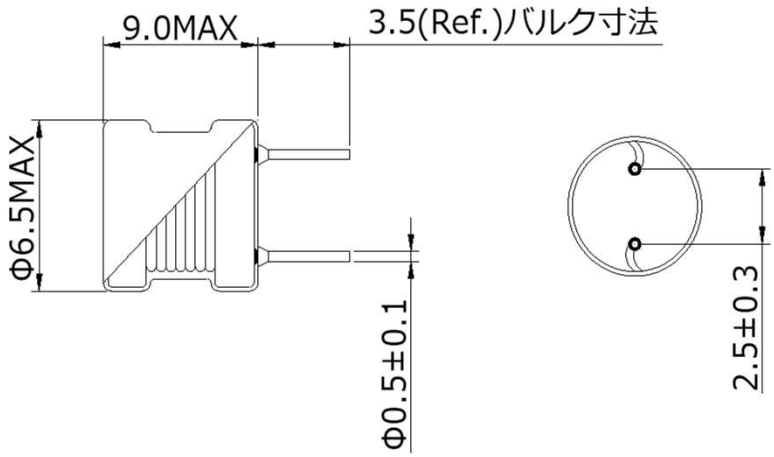
Features/特徴

・ 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

• TZNL6590CA (Φ6.5mm x9.0mm Height)

Series Name	Inductance	Inductance Tolerance	DC Resistance	Rated current
	(μH)	(%)	(Ω) Max.	(A) Max.
TZNL6590CA-4R7	4.7	±20	0.055	2.00
TZNL6590CA-6R8	6.8	±10	0.080	1.60
TZNL6590CA-100	10	±10	0.085	1.60
TZNL6590CA-120	12	±10	0.12	1.50
TZNL6590CA-150	15	±10	0.13	1.20
TZNL6590CA-180	18	±10	0.15	1.00
TZNL6590CA-220	22	±10	0.17	0.90
TZNL6590CA-270	27	±10	0.20	0.80
TZNL6590CA-330	33	±10	0.23	0.75
TZNL6590CA-390	39	±10	0.25	0.70
TZNL6590CA-470	47	±10	0.28	0.65
TZNL6590CA-560	56	±10	0.35	0.60
TZNL6590CA-680	68	±10	0.40	0.55
TZNL6590CA-820	82	±10	0.45	0.50
TZNL6590CA-101	100	±10	0.65	0.48
TZNL6590CA-121	120	±10	0.70	0.45
TZNL6590CA-151	150	±10	0.80	0.42
TZNL6590CA-181	180	±10	1.05	0.40
TZNL6590CA-221	220	±10	1.45	0.35

Electrical Characteristics

• TZNL6590CA (Φ6.5mm x9.0mm Height)

Series Name	Inductance	Inductance Tolerance	DC Resistance	Rated current
	(μH)	(%)	(Ω) Max.	(A) Max.
TZNL6590CA-331	330	±10	1.60	0.30
TZNL6590CA-391	390	±10	1.95	0.28
TZNL6590CA-471	470	±10	2.15	0.25
TZNL6590CA-561	560	±10	3.10	0.25
TZNL6590CA-681	680	±10	3.40	0.24
TZNL6590CA-821	820	±10	3.90	0.20
TZNL6590CA-102	1,000	±10	4.85	0.18
TZNL6590CA-122	1,200	±10	6.25	0.16
TZNL6590CA-152	1,500	±10	7.00	0.15
TZNL6590CA-182	1,800	±10	9.10	0.14
TZNL6590CA-222	2,200	±10	10.8	0.10
TZNL6590CA-272	2,700	±10	14.2	0.09
TZNL6590CA-332	3,300	±10	16.1	0.08
TZNL6590CA-392	3,900	±10	20.8	0.07
TZNL6590CA-472	4,700	±10	23.0	0.06
TZNL6590CA-562	5,600	±10	32.2	0.06
TZNL6590CA-682	6,800	±10	35.8	0.05
TZNL6590CA-882	8,800	±10	40.2	0.05
TZNL6590CA-103	10,000	±10	57.7	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 surroundngs temperature are 100 kHz and 23±2°C, respectively.
測定周波数：100ｋHz、測定周囲温度：23±2°C。