

Inductor for power line radial

『TZNL6590CA SERIES』



■ Features

- Low DC resistance and High power capacities
- Bulk and taping packaging
- Applies to Variety of electronic equipments.

■ 特長

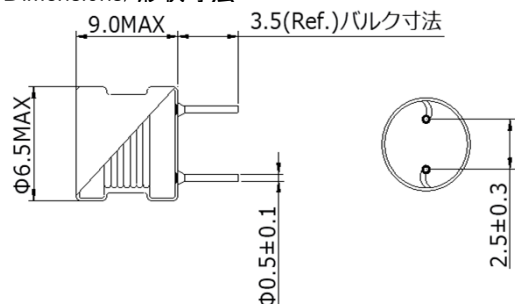
- 低抵抗、高出力。
- バルク及び、テーピング梱包です。
- 種々の電子装置に応用出来ます。

■ Dimensios

Appearance/外觀



Dimensions/形状寸法



■ Electric Specifications/電気特性

● TYPE TZNL6590CA (φ 6.5mm × 9.0mm Hight)

DSC Part Number	Inductance (μH)	公差	DC Resistance (Ω) MAX	Rated current (A) MAX
TZNL6590CA- 6R8	6.8	0.060	1.80	
TZNL6590CA- 100	10	0.080	1.60	
TZNL6590CA- 120	12	0.085	1.60	
TZNL6590CA- 150	15	0.12	1.50	
TZNL6590CA- 180	18	0.13	1.20	
TZNL6590CA- 220	22	0.15	1.00	
TZNL6590CA- 270	27	±10%	0.17	0.90
TZNL6590CA- 330	33		0.20	0.80
TZNL6590CA- 390	39		0.23	0.75
TZNL6590CA- 470	47		0.25	0.70
TZNL6590CA- 560	56		0.28	0.65
TZNL6590CA- 680	68		0.35	0.60
TZNL6590CA- 820	82		0.40	0.55
TZNL6590CA- 101	100		0.45	0.50
TZNL6590CA- 121	120		0.65	0.48
TZNL6590CA- 151	150		0.70	0.45
TZNL6590CA- 181	180		0.80	0.42
TZNL6590CA- 221	220		1.05	0.40
TZNL6590CA- 271	270		1.45	0.35

DSC Part Number	Inductance (μH)	公差	DC Resistance (Ω) MAX	Rated current (A) MAX
TZNL6590CA- 391	390	1.95	0.28	
TZNL6590CA- 471	470	2.15	0.25	
TZNL6590CA- 561	560	3.10	0.25	
TZNL6590CA- 681	680	3.40	0.24	
TZNL6590CA- 821	820	3.90	0.20	
TZNL6590CA- 102	1,000	4.85	0.18	
TZNL6590CA- 122	1,200	6.25	0.16	
TZNL6590CA- 152	1,500	7.00	0.15	
TZNL6590CA- 182	1,800	9.10	0.14	
TZNL6590CA- 222	2,200	10.8	0.10	
TZNL6590CA- 272	2,700	14.2	0.09	
TZNL6590CA- 332	3,300	16.1	0.08	
TZNL6590CA- 392	3,900	20.8	0.07	
TZNL6590CA- 472	4,700	23.0	0.06	
TZNL6590CA- 562	5,600	32.2	0.06	
TZNL6590CA- 682	6,800	35.8	0.05	
TZNL6590CA- 822	8,200	40.2	0.05	
TZNL6590CA- 103	10,000	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 25°C, respectively.

測定周波数:100kHz。測定周囲温度:25°C。