



RC Type High Current Chokes

PZRL0415 Series

Product Identification:

PZRL0520-100K-V-0
 1 2 3 4 5



- 1.Type:PZ R Type RC Type High Current Choke.
- 2.Core Size: B=5 mm A=20 mm
- 3.Inductance : Example : 100 for 10 uH.
 K : ±10% ; M: ± 20%.
- 4.Product styles: V = Vertical H = Horizontal.
- 5.Appearance: 0 = no UL Tube 1 = UL Tube.

Applications:

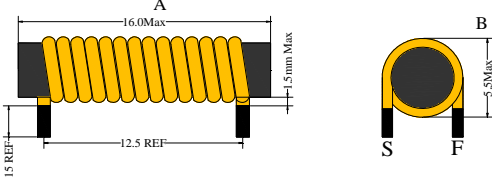
- .Power supplies.
- .Power amplifiers.
- .Noise filter for Switching regulators.
- .SCR and Triac circuits.
- ★Design to customer requirement.

Features:

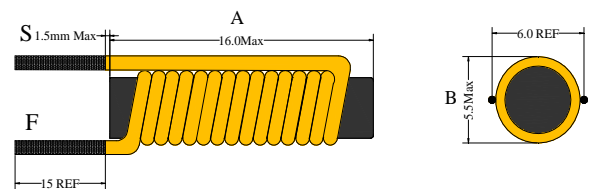
- .High saturation current.
- .General purpose inductors
- .Low cost design,Tin plated leads.
- .Varnish coated or UL tube.

Dimensions:(mm):

Vertical Type



Horizontal Type



Electrical Characteristics:

Part No.	L(uH) 1KHZ/0.25V	DCR(Ω)Max	Rated Current (A) Max	SRF (MHZ)Min	Wire Size(mm)	Turns (Ts)REF
PZRL0415-4R7K	4.7	0.24	2.26	90	0.60	17.5
PZRL0415-5R6K	5.6	0.03	1.90	80	0.55	18.5
PZRL0415-6R8K	6.8	0.04	1.57	80	0.50	18.5
PZRL0415-8R2K	8.2	0.06	1.27	80	0.45	21.5
PZRL0415-100K	10	0.08	1.00	70	0.40	24.5

Characteristics:

- .Rated Current : It is either the inductance is 20% lower. is than its initial value in DC. saturation characteristics or temperature rise becomes $\Delta T=25^{\circ}\text{C}$ ($T_a=20$) Whichever lower.
- .Operating temperature : -20°C to 80°C .

Test equipment and test step:

- L: LCR meter, @1kHz/0.25V, 25°C .
- DCR: Milli-ohm meter.
- .Electrical specifications at 25°C .