



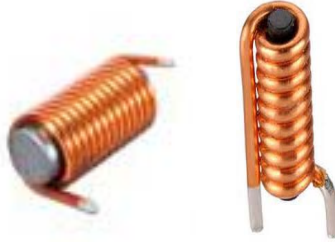
RC Type High Current Chokes

PZRL0630 Series

Product Identification:

$\frac{\text{PZRL0520-100K-V-0}}{1 \quad 2 \quad 3 \quad 4 \quad 5}$

- 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 : $\pm 10\%$; M: $\pm 20\%$.
- 4.Product styles: V = Vertical H = Horizontal.
- 5.Appearance: 0 = no UL Tube 1 = UL Tube.

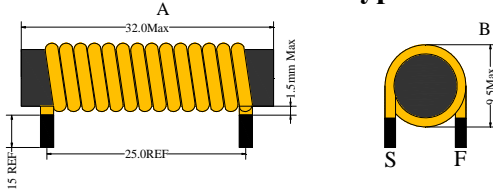


Applications:

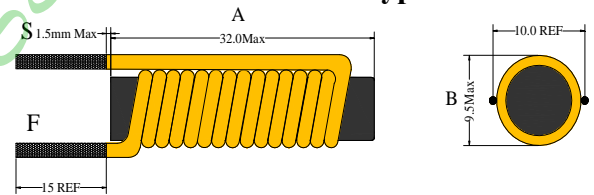
- .Power supplies.
- .Power amplifiers.
- .Noise filter for Switching regulators.
- .SCR and Triac circuits.
- ★Design to customer requirement.

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
PZRL0630-4R7K	4.7	0.005	16.08	85	1.60	12.5
PZRL0630-5R6K	5.6	0.005	16.08	80	1.60	14.5
PZRL0630-6R8K	6.8	0.008	10.61	75	1.30	15.5
PZRL0630-8R2K	8.2	0.009	9.04	67	1.20	16.5
PZRL0630-100K	10	0.01	9.04	64	1.20	19.5
PZRL0630-120K	12	0.018	6.28	57	1.00	20.5
PZRL0630-150K	15	0.023	5.08	53	0.90	23.5
PZRL0630-180K	18	0.03	4.02	49	0.80	24.5
PZRL0630-220K	22	0.045	3.07	44	0.70	27.5
PZRL0630-270K	27	0.05	3.07	42	0.70	31.5
PZRL0630-330K	33	0.06	2.65	36	0.65	35.5
PZRL0630-390K	39	0.08	2.26	34	0.60	40.5
PZRL0630-470K	47	0.11	1.9	32	0.55	44.5
PZRL0630-560K	56	0.14	1.57	30	0.50	46.5

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 .