

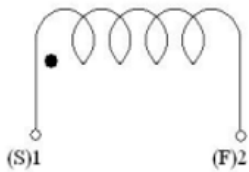
RLP0810 Series

FEATURES

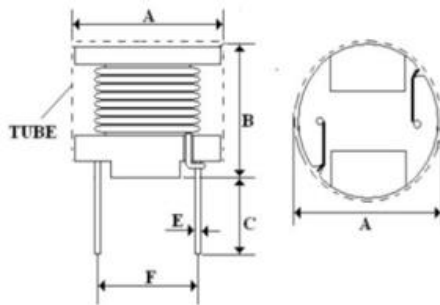
- High rated current with Low DCR Resistances is perfect for DC/DC Converter, Power Supplies and General Applications.
- Available in E 12 series, all are RoHS compliant
- Operating and Storage temperature -40 ~+125 °C
- Moisture sensitivity level 1



0801 Power Inductor



ELECTRICAL SCHEMATIC



Symbol	A	B	C	E	F
Dimension (mm)	8.5 Max	11 Max	3.5 ±0.5	Φ0.6 ±0.1	5 ±0.5

ELECTRICAL CHARACTERISTICS

Lumimax P/N	Inductance (μH)	Tolerance	I _{sat} (A)	DCR Ohm
RLP0810-680K-PET	68	±10%	2	130m
RLP0810-101K-PET	100	±10%	2.5	274m
RLP0810-151K-PET	150	±10%	2.1	400m
RLP0810-221K-PET	220	±10%	1.6	560m
RLP0810-331K-PET	330	±10%	1.3	0.9
RLP0810-471K-PET	470	±10%	1.2	1.25
RLP0810-681K-PET	680	±10%	1	1.66
RLP0810-102K-PET	1000	±10%	0.75	2.5
RLP0810-122K-PET	1200	±10%	0.45	1.85
RLP0810-152K-PET	1500	±10%	0.6	4.3
RLP0810-222K-PET	2200	±10%	0.48	5.35
RLP0810-332K-PET	3300	±10%	0.28	5.25

All products, product specifications and data are subject to change without notice to improve reliability, function or design or otherwise.

PART NUMBER CODING

RLP **0810** - **680** **K** **PET**
 (1) (2) (3) (4) (5)

(1)		Product Symbol	
(2)		Product Dimension	8mmx11mm
(3)		Inductance Code	First two digits are significant. Third digit represents the number of zeroes to follow For example: 1R0 =1.0uH; 680=68uH; 101=100uH
(4)		Inductance tolerance	K=±10%; M=±20%; J=±5%
(5)		With PE Tube outside	

MATERIAL LIST

No.	Parts	Material
1	Ferrite Core	DR2W 8x10.2RSO
2	Wire Winding	2UEW Ø0.4mmx44.5Ts
3	PIN	Ø0.60±0.1mm CP
4	SOLDER Sn/Cu	Sn: 99.7% Cu: 0.3%
5	Shrinkable Tube	150 Deg. C, 600V Polyethylene Terephthalate

PACKAGING

Qty=132pcs on one Tray

Qty=4224pcs per carton