

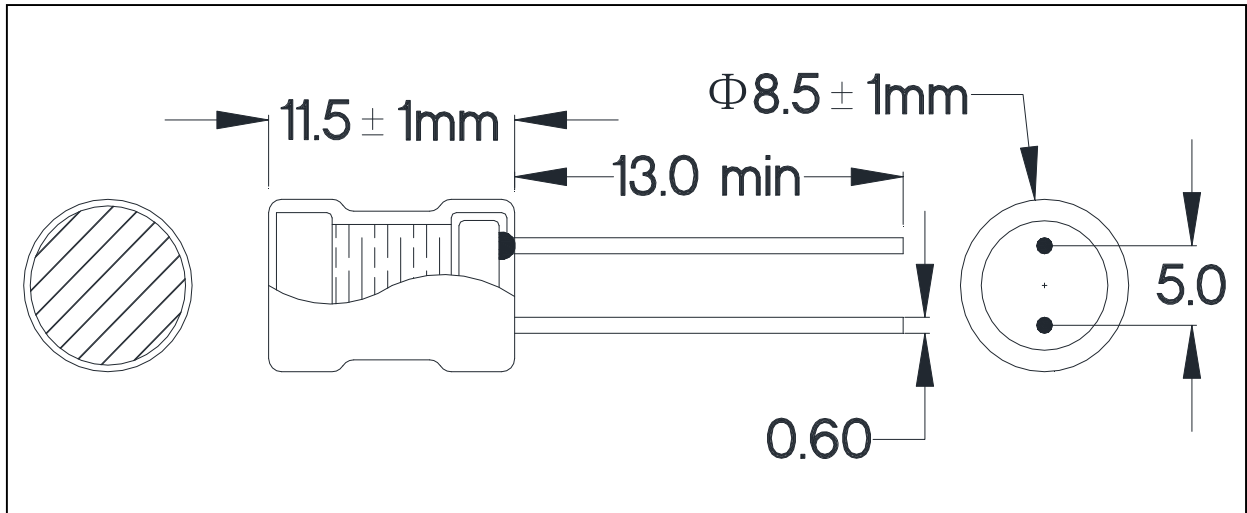
# GLADSUM 东莞市欣永电子科技有限公司 规格标准书

## COMPONENT SPECIFICATION

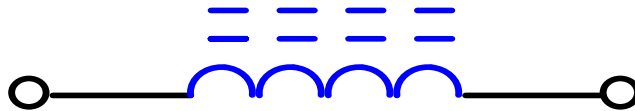
版次:第2版

NAME	SMD POWER INDUCTORS	COMPOSITE SPECIFICATION		1/2
	PK Series	SPEC#	PK0810 Series	

### ◆ Dimensions (mm)



### ◆ SCHEMATIC DIAGRAM:



### ◆ Description

- Ferrite drum core construction.
- Enamelled copper wire : F class
- Products comply with RoHS' requirements
- Halogen free available

### ◆ GENERAL SPECIFICATION

- Temp. rise : 20°C max. at rated current.
- Storage temp. : -40°C ---- +125°C
- Operating temp. : -40°C---- +125°C  
(Temp.rise included)



HISTORY	DATE	REVISION		SIGN.	SIGN.
PLANNED BY	CHECKED BY	APPROVED BY			
JSHING	<b>SLEKEY</b>	table zhu			

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## COMPONENT SPECIFICATION

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NAME	SMD POWER INDUCTORS	COMPOSITE SPECIFICATION		2 / 2
	PK Series	SPEC#	PK0810 Series	

### ◆ Specification

Part Name	Stamp	Inductance [Within] ( $\mu$ H)※1	D.C.R ( $\Omega$ )[Max.] (at 20°C)	Rated Current (mA)	S.R.F. MHz (TYP.)
PK0810-100K	100	10 $\pm$ 10%	0.10	1600.00	12.00
PK0810-120K	120	12 $\pm$ 10%	0.10	1400.00	11.00
PK0810-150K	150	15 $\pm$ 10%	0.10	1300.00	10.00
PK0810-180K	180	18 $\pm$ 10%	0.11	1200.00	9.00
PK0810-220K	220	22 $\pm$ 10%	0.13	1100.00	8.00
PK0810-270K	270	27 $\pm$ 10%	0.14	1000.00	7.00
PK0810-330K	330	33 $\pm$ 10%	0.16	900.00	7.00
PK0810-390K	390	39 $\pm$ 10%	0.16	800.00	6.00
PK0810-470K	470	47 $\pm$ 10%	0.16	700.00	5.50
PK0810-560K	560	56 $\pm$ 10%	0.22	700.00	5.50
PK0810-680K	680	68 $\pm$ 10%	0.23	600.00	5.00
PK0810-820K	820	82 $\pm$ 10%	0.27	500.00	4.50
PK0810-101K	101	100 $\pm$ 10%	0.29	400.00	4.50
PK0810-121K	121	120 $\pm$ 10%	0.33	400.00	4.50
PK0810-151K	151	150 $\pm$ 10%	0.46	350.00	4.50
PK0810-181K	181	180 $\pm$ 10%	0.51	350.00	4.00
PK0810-221K	221	220 $\pm$ 10%	0.62	300.00	3.50
PK0810-271K	271	270 $\pm$ 10%	0.65	250.00	3.00
PK0810-331K	331	330 $\pm$ 10%	0.79	250.00	3.00
PK0810-391K	391	390 $\pm$ 10%	0.91	200.00	2.50
PK0810-471K	471	470 $\pm$ 10%	1.20	180.00	2.50
PK0810-561K	561	560 $\pm$ 10%	1.20	160.00	2.00
PK0810-681K	681	680 $\pm$ 10%	1.50	140.00	2.00
PK0810-821K	821	820 $\pm$ 10%	1.70	140.00	2.00
PK0810-102K	102	1000 $\pm$ 10%	2.00	120.00	2.00
PK0810-122K	122	1200 $\pm$ 10%	2.30	100.00	1.50
PK0810-152K	152	1500 $\pm$ 10%	2.90	80.00	1.50
PK0810-182K	182	1800 $\pm$ 10%	3.50	80.00	1.50
PK0810-222K	222	2200 $\pm$ 10%	4.20	70.00	1.00
PK0810-272K	272	2700 $\pm$ 10%	5.10	60.00	1.00
PK0810-332K	332	3300 $\pm$ 10%	6.10	60.00	0.90
PK0810-392K	392	3900 $\pm$ 10%	7.80	50.00	0.80
PK0810-472K	472	4700 $\pm$ 10%	11.00	50.00	0.70
PK0810-562K	562	5600 $\pm$ 10%	11.00	45.00	0.60
PK0810-682K	682	6800 $\pm$ 10%	14.00	45.00	0.60
PK0810-822K	822	8200 $\pm$ 10%	15.00	40.00	0.60
PK0810-103K	103	10000 $\pm$ 10%	20.00	35.00	0.50
PK0810-123K	123	12000 $\pm$ 10%	24.00	35.00	0.40
PK0810-153K	153	15000 $\pm$ 10%	28.00	35.00	0.40
PK0810-183K	183	18000 $\pm$ 10%	42.00	30.00	0.40
PK0810-223K	223	22000 $\pm$ 10%	43.00	30.00	0.30
PK0810-273K	273	27000 $\pm$ 10%	55.00	25.00	0.30
PK0810-333K	333	33000 $\pm$ 10%	65.00	25.00	0.30
PK0810-393K	393	39000 $\pm$ 10%	87.00	25.00	0.20
PK0810-473K	473	47000 $\pm$ 10%	98.00	25.00	0.20

### ◆ Part Numbering System

PK - 0810 - 100 - K - U - LF

1            2            3            4            5            6

- 1、 Series name: PK series name
- 2、 Dimensions:0608=8.5\*11.5
- 3、 inductnace: 1R0=1UH、100=10UH、101=100uh
- 4、 tolerance:J: $\pm$ 5%、K: $\pm$ 10%、L: $\pm$ 15%、M: $\pm$ 20%、P: $\pm$ 25%、N: $\pm$ 30%
- 5、 Packingcode: UL&PVC
- 6、 Lead Free