

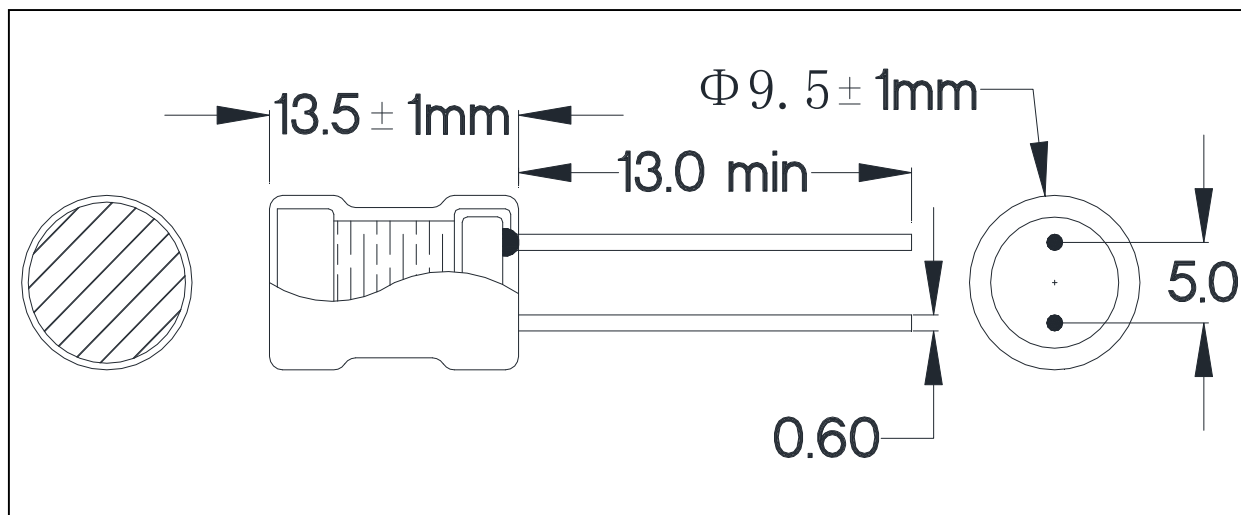
# GLADSUM 东莞市欣永电子科技有限公司 规格标准书

## COMPONENT SPECIFICATION

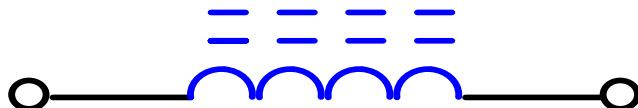
版次:第2版

NAME	SMD POWER INDUCTORS	COMPOSITE SPECIFICATION		1/2
	PK Series	SPEC#	PK0912 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#	PK0912 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.)
PK0912-100K	100	10 $\pm$ 10%	0.04	2800.00	24.00
PK0912-120K	120	12 $\pm$ 10%	0.04	2700.00	18.00
PK0912-150K	150	15 $\pm$ 10%	0.05	2300.00	11.00
PK0912-180K	180	18 $\pm$ 10%	0.06	2100.00	9.20
PK0912-220K	220	22 $\pm$ 10%	0.07	2000.00	8.40
PK0912-270K	270	27 $\pm$ 10%	0.10	1700.00	7.10
PK0912-330K	330	33 $\pm$ 10%	0.12	1500.00	7.10
PK0912-390K	390	39 $\pm$ 10%	0.12	1400.00	6.90
PK0912-470K	470	47 $\pm$ 10%	0.13	1300.00	6.00
PK0912-560K	560	56 $\pm$ 10%	0.14	1200.00	5.70
PK0912-680K	680	68 $\pm$ 10%	0.15	1000.00	5.40
PK0912-820K	820	82 $\pm$ 10%	0.16	900.00	4.60
PK0912-101K	101	100 $\pm$ 10%	0.25	700.00	4.00
PK0912-121K	121	120 $\pm$ 10%	0.28	700.00	3.60
PK0912-151K	151	150 $\pm$ 10%	0.32	700.00	3.10
PK0912-181K	181	180 $\pm$ 10%	0.47	600.00	2.80
PK0912-221K	221	220 $\pm$ 10%	0.53	500.00	2.50
PK0912-271K	271	270 $\pm$ 10%	0.60	450.00	2.40
PK0912-331K	331	330 $\pm$ 10%	0.85	400.00	2.10
PK0912-391K	391	390 $\pm$ 10%	0.95	350.00	2.00
PK0912-471K	471	470 $\pm$ 10%	1.10	350.00	1.90
PK0912-561K	561	560 $\pm$ 10%	1.20	300.00	1.80
PK0912-681K	681	680 $\pm$ 10%	1.30	250.00	1.70
PK0912-821K	821	820 $\pm$ 10%	1.40	200.00	1.50
PK0912-102K	102	1000 $\pm$ 10%	2.00	200.00	1.10
PK0912-122K	122	1200 $\pm$ 10%	2.30	180.00	1.00
PK0912-152K	152	1500 $\pm$ 10%	2.90	150.00	1.00
PK0912-182K	182	1800 $\pm$ 10%	3.30	120.00	0.90
PK0912-222K	222	2200 $\pm$ 10%	4.50	110.00	0.70
PK0912-272K	272	2700 $\pm$ 10%	5.50	90.00	0.70
PK0912-332K	332	3300 $\pm$ 10%	5.70	80.00	0.60
PK0912-392K	392	3900 $\pm$ 10%	6.50	80.00	0.60
PK0912-472K	472	4700 $\pm$ 10%	7.20	60.00	0.60
PK0912-562K	562	5600 $\pm$ 10%	9.50	50.00	0.50
PK0912-682K	682	6800 $\pm$ 10%	11.00	50.00	0.50
PK0912-822K	822	8200 $\pm$ 10%	13.00	50.00	0.40
PK0912-103K	103	10000 $\pm$ 10%	16.00	40.00	0.30
PK0912-123K	123	12000 $\pm$ 10%	18.00	40.00	0.30
PK0912-153K	153	15000 $\pm$ 10%	21.00	40.00	0.30
PK0912-183K	183	18000 $\pm$ 10%	23.00	40.00	0.30
PK0912-223K	223	22000 $\pm$ 10%	33.00	35.00	0.20
PK0912-273K	273	27000 $\pm$ 10%	37.00	35.00	0.20
PK0912-333K	333	33000 $\pm$ 10%	42.00	35.00	0.20
PK0912-393K	393	39000 $\pm$ 10%	45.00	30.00	0.20
PK0912-473K	473	47000 $\pm$ 10%	52.00	30.00	0.20

### ◆ Part Numbering System

PK - 0912 - 100 - K - U - LF  
 1            2            3            4            5            6

- 1、 Series name: PK series name
- 2、 Dimensions:0912=9.5\*13.5
- 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