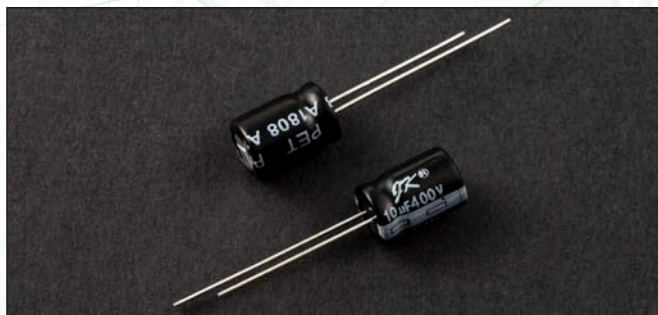


KA Series

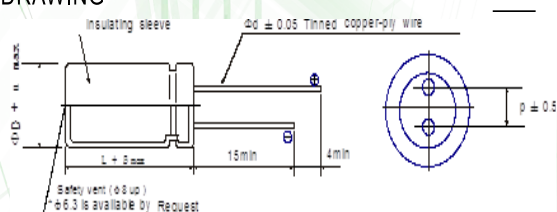
- Wide operating temperature range of - 40 ~ + 105°C
- Standard series for general-purpose
- Voltage range of 6.3 ~ 450V
- Load life of 1000 hours at 105°C
- Rohs compliance.



■ SPECIFICATIONS

[illegible]

- DRAWING



Unit:(mm)

Unit: (mm)							
φD	5	6.3	8	10	13	16	18
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5
φd	0.5			0.6		0.8	
β	1.0			1.5			
α	0.5						

▼ MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Freq.(Hz) Cap(μF)	60(50)	120	300	1K	10K
0.1~47	0.75	1.00	1.35	1.55	2.00
68~680	0.80	1.00	1.25	1.34	1.50
1000~15000	0.85	1.00	1.10	1.13	1.15

◆ PART NUMBERING SYSTEM

KA					
Series	Rated Cap.	Cap. Tolerance	Rated Voltage	Case Size D	Case Size L

KA Series

■ STANDARD RATINGS

	6.3		10		16		25		35		50		63	
	ΦDxL	Ripple	ΦDxL	Ripple	ΦDxL	Ripple	ΦDxL	Ripple	ΦDxL	Ripple	ΦDxL	Ripple	ΦDxL	Ripple
	(mm)	current	(mm)	current	(mm)	current	(mm)	current	(mm)	current	(mm)	current	(mm)	current
Cap (μF)		(mArms)		(mArms)		(mArms)		(mArms)		(mArms)		(mArms)		(mArms)
0.22											5X11	2	5X11	3
0.33											5X11	3	5X11	4
0.47											5X11	6	5X11	8
0.68											5X11	13	5X11	15
1.0											5X11	16	5X11	18
1.5											5X11	20	5X11	22
2.2											5X11	24	5X11	26
3.3											5X11	29	5X11	32
4.7											5X11	35	5X11	38
6.8											5X11	42	5X11	46
10									5X11	39	5X11	51	5X11	56
15									5X11	45	5X11	62	6.3X11	78
22							5X11	70	5X11	65	5X11	75	6.3X11	95
33							5X11	75	5X11	80	6.3X11	106	6.3X11	116
47					5X11	81	5X11	90	6.3X11	110	6.3X11	127	6.3X11	164
68			5X11	60	5X11	98	6.3X11	125	6.3X11	132	6.3X11	180	6.3X11	229
100	5X11	99	5X11	105	6.3X11	137	6.3X11	151	6.3X11	189	8X11.5	253	10X12	301
150	6.3X11	139	6.3X11	150	6.3X11	167	6.3X11	218	8X11.5	269	8X14	340	10X15	406
220	6.3X11	168	6.3X11	150	6.3X11	298	8X11.5	307	8X14	326	8X16	449	10X16	532
330	6.3X11	206	6.3X11	255	6.3X11	400	8X11.5	412	8X16	437	10X16	595	10X20	708
470	6.3X11	290	8X11.5	440	8X11.5	575	8X14	536	10X16	569	10X20	771	13X20	921
680	6.3X11	405	8X11.5	492	8X14	595	8X16	698	10X20	803	13X20	1001	13X25	1228
1,000	8X11.5	491	8X14	680	8X16	707	10X16	918	13X20	1062	13X25	1360	16X25	1630
1,500	8X16	677	8X16	742	8X20	936	10X20	1109	13X25	1290	16X31.5	1578	18X32	1993
2,200	8X16	770	10X20	1052	10X25	1150	13X20	1370	16X25	1560	16X35.5	2019		
3,300	10X20	1067	13X20	1548	13X30	1468	13X25	1794	16X32	1992	18X35.5	2250		
4,700	13X20	1220	13X25	1800	16X25	1813	16X30	2264	18X32	2200				
6,800	13X25	1450	16X25	2010	16X32	2184	18X35	2350						
10,000	16X25	1680	18X25	2550										
15,000	18X32	2396												

WV(Vdc)	100		160		200		250		350		400		450	
	ΦDxL	Ripple	ΦDxL	Ripple	ΦDxL	Ripple	ΦDxL	Ripple	ΦDxL	Ripple	ΦDxL	Ripple	ΦDxL	Ripple
	(mm)	current	(mm)	current	(mm)	current	(mm)	current	(mm)	current	(mm)	current	(mm)	current
Cap (μF)		(mArms)		(mArms)		(mArms)		(mArms)		(mArms)		(mArms)		(mArms)
0.47	5X11	12	6.3X11	11	6.3X11	11	6.3X11	11						
0.68	5X11	15	6.3X11	13	6.3X11	13	6.3X11	13						
1.0	5X11	18	6.3X11	16	6.3X11	16	6.3X11	16	6.3X11	19	6.3X11	19	6.3X11	16
1.5	5X11	22	6.3X11	19	6.3X11	19	6.3X11	23	6.3X11	27	6.3X11	27	6.3X11	22
2.2	5X11	26	6.3X11	23	6.3X11	28	6.3X11	28	6.3X11	32	6.3X11	32	8X11.5	27
3.3	5X11	32	6.3X11	34	6.3X11	34	8X11.5	39	6.3X11	43	6.3X11	43	8X11.5	36
4.7	5X11	38	6.3X11	40	6.3X11	47	8X11.5	51	8X11.5	51	8X11.5	51	8X16	47
6.8	6.3X11	53	8X11.5	56	6.3X11	62	8X11.5	62	8X11.5	67	8X14	67	10X16	66
10	6.3X11	64	8X11.5	75	8X11.5	75	10X12	75	8X11.5	82	8X16	96	10X20	80
15	8X11.5	93	8X16	92	8X20	100	10X16	100	10X12	118	8X20	128	13X20	107
22	8X11.5	112	8X20	121	10X20	143	10X20	143	10X16	155	10X20	155	13X20	144
33	8X11.5	159	10X16	175	13X20	175	13X20	175	13X25	211	13X20	211	13X25	193
47	8X14	208	10X20	208	13X20	227	13X25	227	16X20	276	16X20	289	16X25	272
68	10X12	274	10X25	273	13X25	303	16X25	303	16X25	248	16X25	392	18X25	300
100	10X16	389	13X25	368	16X25	402	16X35.5	422	18X25	475	18X25	420		
150	10X25	520	16X25	492	16X25	543	18X32	582						
220	13X25	699	16X25	657	18X32	705								
330	16X25	856	18X32	863	18X40	790								
470	16X25	1117	18X35.5	920										
680	18X25	1588												

→ Rated Ripple Current (mArms) at 105 °C 120Hz
→ Case Size: ΦDxL (mm)