



# Leaded Aluminum Electrolytic Capacitors YK Series Specifications

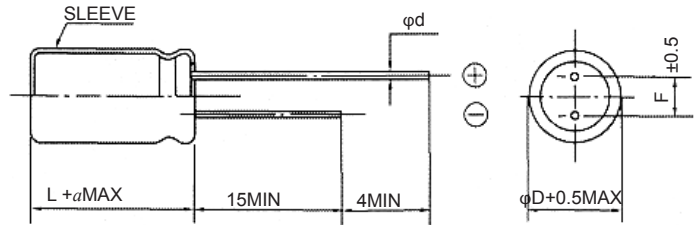


## Part Number Determination

16YK10M5X11				
16	YK	10	M	5X11
Rated Voltage	Series	Rated Capacitance	Tolerance	Case Size (mm)
10=10V 16=16V 25=25V 35=35V 50=50V 100=100V 350=350V 450=450V	YK=Leaded Miniature Aluminum Electrolytic Capacitors	10=10uF 22=22uF 33=33uF 47=47uF 100=100uF 220=220uF 330=330uF 470=470uF 1000=1000uF 2200=2200uF 3300=3300uF 4700=4700uF 6800=6800uF 10000=10000uF	M=±20%	5X11 6.3X11 8X11.5 10X16 10X20 12.5X20 16X25 16X35.5 18X40

## Package Dimensions (mm)

D	6.3	8	10	12.5	16	18
d	0.5	0.6			0.8	
F	2.5	3.5	5.0		7.5	
a	WV≤100:1.5 WV≥160:2.0				2.0	



## Electrical Characteristics

Cap (uF)	6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1V)		100 (2A)	
	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
0.1											5x11	1.1		
0.15											5x11	1.5		
0.22											5x11	2.5		
0.33											5x11	4		
0.47											5x11	7	5x11	8
1.0											5x11	13	5x11	16
2.2											5x11	23	5x11	35
3.3											5x11	35	5x11	45
4.7											5x11	41	5x11	50
10											5x11	60	5x11	75
22									5x11	90	5x11	95	6.3x11	135
33							5x11	98	5x11	110	5x11	130	8x11.5	185
47					5x11	115	5x11	120	5x11	135	6.3x11	160	10x12.5	235
100	5x11	135	5x11	140	5x11	175	5x11	185	6.3x11	215	8x11.5	270	10x20	380
220	5x11	220	5x11	230	6.3x11	280	6.3x11	310	8x11.5	370	10x12.5	435	12.5x25	629
330	6.3x11	280	6.3x11	310	8x11.5	380	8x11.5	410	10x12.5	500	10x16	590	12.5x25	760
470	6.3x11	360	6.3x11	400	8x11.5	460	10x12.5	550	10x16	680	10x20	760	16x25	950
1000	8x11.5	590	10x12.5	660	10x16	800	10x20	970	12.5x20	1180	12.5x25	1350	18x40	1350
2200	10x16	920	10x20	1090	12.5x20	1320	12.5x25	1570	16.25	1810	16.35.5	2110		
3300	10x20	1200	12.5x20	1440	12.5x25	1670	16x25	2000	16x35.5	2300	18x35.5	2540		
4700	12.5x20	1550	12.5x25	1800	16x25	2120	16x31.5	2440	18x35.5	2740				
6800	12.5x25	1920	16x25	2250	16x31.5	2540	18x35.5	2900						
10000	16x25	2370	16x35.5	2710	18x35.5	2950								
15000	16x35.5	2880	16.35.5	3110										
22000	18x40	3350												