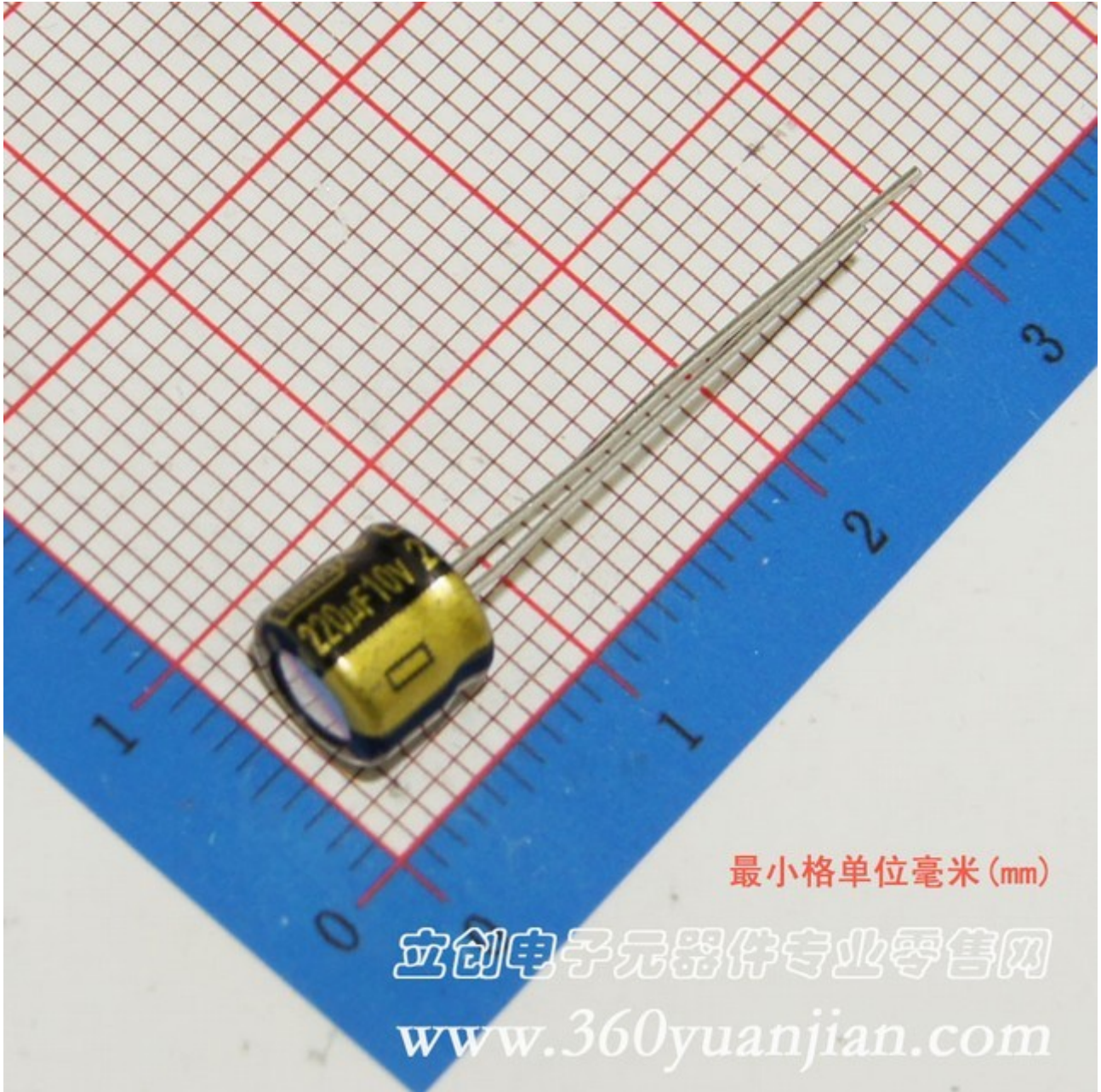


此商品编号对应的规格参数是： 220uF 10V 黑金 6.3*5

此商品的实物图片为：



最小格单位毫米 (mm)

立创电子元器件专业零售网

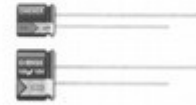
www.360yuanjian.com

EF Series

5mmL(高), +105°C, Low Impedance(低阻抗品)

FEATURES

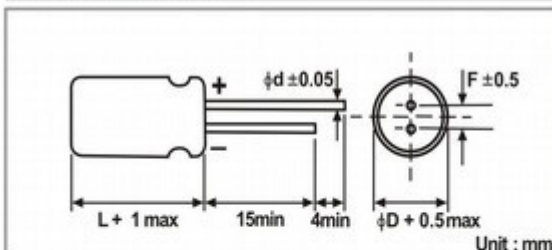
1. Low Impedance over wide temperature range of -40°C~105°C, with 5mm height.
2. Suitable for DC-DC converters where smaller case size and lower impedance are required.



SPECIFICATIONS

Item	Performance Characteristics	
Operating Temperature Range	-40 to +105°C	
Rated Working Voltage Range	6.3 to 35V	
Nominal Capacitance Range	1 to 100 μ F	
Capacitance Tolerance	$\pm 20\%$ (120Hz, +20°C)	
Leakage Current	$I \leq 0.01CV$ or $3(\mu A)$ whichever is greater measured after 2 minutes application of rated working voltage at +20°C	
$\tan \delta$ (120Hz, +20°C)	Working Voltage (V)	6.3 10 16 25 35
	$\tan \delta$ (max.)	0.22 0.20 0.18 0.14 0.12
Low Temperature Characteristics	Impedance ratio max. at 120Hz	
	Working Voltage (V)	6.3 10 16 25 35
	Z-25°C / Z+20°C	2 3 2 2 2
	Z-40°C / Z+20°C	4 8 6 3 3
High Temperature Loading	Test conditions	Post test requirements at +20°C
	Duration : 1000 hours Ambient temp. : +105°C Applied voltage : Rated DC working voltage with rated ripple current	Leakage current : \leq Initial specified value Cap. change : within $\pm 20\%$ of initial measured value $\tan \delta$: $\leq 200\%$ of initial specified value
Shelf Life	Test conditions	Post test requirements at +20°C
	Duration : 1000 hours Ambient temp. : +105°C Applied voltage : (None)	Leakage current : \leq Initial specified value Cap. change : within $\pm 20\%$ of initial measured value $\tan \delta$: $\leq 200\%$ of initial specified value
Others	JIS C - 5101 (IEC 60384)	

CASE SIZE TABLE



ϕD	4	5	6.3					
F	1.5	2.0	2.5					
ϕd	0.45							

RIPPLE CURRENT MULTIPLIER

Frequency Coefficient					
Cap(μ F)	Coefficient	120	1k	10k	100k
	~ 100	0.40	0.75	0.90	1.00

EF Series

5mmL(高), +105°C, Low Impedance(低阻抗品)

STANDARD RATINGS

Voltage (Code)		6.3V (0J)			10V (1A)			16V (1C)		
Cap.(μ F)	Code	Case Size	Impedance	Ripple Current	Case Size	Impedance	Ripple Current	Case Size	Impedance	Ripple Current
1	105									
1.5	155									
2.2	225									
3.3	335									
4.7	475									
6.8	685									
10	106							4 x 5	5.0	50
15	156							5 x 5	2.6	80
22	226	4 x 5	5.0	50	5 x 5	2.6	80	5 x 5	2.6	80
33	336	5 x 5	2.6	80	5 x 5	2.6	80	6.3 x 5	1.3	115
47	476	5 x 5	2.6	80	6.3 x 5	1.3	115	6.3 x 5	1.3	115
68	686	6.3 x 5	1.3	115						
100	107	6.3 x 5	1.3	115						

Maximum Allowable Ripple Current (mA rms) at 105°C 100kHz

Case Size ϕ D x L(mm)

Maximum Impedance (Ω) at 20°C 100kHz

Voltage (Code)		25V (1E)			35V (1V)					
Cap.(μ F)	Code	Case Size	Impedance	Ripple Current	Case Size	Impedance	Ripple Current			
1	105				4 x 5	5.0	50			
1.5	155				4 x 5	5.0	50			
2.2	225				4 x 5	5.0	50			
3.3	335				4 x 5	5.0	50			
4.7	475	4 x 5	5.0	50	4 x 5	5.0	50			
6.8	685	4 x 5	5.0	80	5 x 5	2.6	80			
10	106	5 x 5	2.6	80	5 x 5	2.6	80			
15	156	6.3 x 5	1.3	115	6.3 x 5	1.3	115			
22	226	6.3 x 5	1.3	115	6.3 x 5	1.3	115			
33	336	6.3 x 5	1.3	115						

Maximum Allowable Ripple Current (mA rms) at 105°C 100kHz

Case Size ϕ D x L(mm)

Maximum Impedance (Ω) at 20°C 100kHz

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Aluminium Electrolytic Capacitors - Radial Leaded](#) category:

Click to view products by [Chengxing](#) manufacturer:

Other Similar products are found below :

[NRELS102M35V16X16C.140LLF](#) [ESRG160ETC100MD07D](#) [227RZS050M](#) [335CKR250M](#) [476CKH100MSA](#) [477CKR100M](#)
[107CKR010M](#) [107CKH063MSA](#) [RJH-25V222MI9#](#) [RJH-35V221MG5#](#) [B43827A1106M8](#) [RJH-50V221MH6#](#) [EKYA500ELL470MF11D](#)
[B41022A5686M6](#) [ESRG250ELL101MH09D](#) [EKMA160EC3101MF07D](#) [RJB-10V471MG3#](#) [ESMG160ETD221MF11D](#)
[EKZH160ETD152MJ20S](#) [RJH-35V122MJ6#](#) [EGXF630ELL621ML20S](#) [RBD-25V100KE3#N](#) [EKMA350ELL100ME07D](#)
[ESMG160ETD101ME11D](#) [ELXY100ETD102MJ20S](#) [EGXF500ELL561ML15S](#) [EKMG350ETD471MJ16S](#) [35YXA330MEFC10X12.5](#)
[RXW471M1ESA-0815](#) [ELXZ630ELL221MJ25S](#) [ERR1HM1R0D11OT](#) [LPE681M30060FVA](#) [LPL471M22030FVA](#) [HFE221M25030FVA](#)
[LKMD1401H221MF](#) [B41888G6108M000](#) [EKMA160ETD470MF07D](#) [UHW1J102MHD6](#) [EKMG500ETD221MJC5S](#) [LKMK2502W101MF](#)
[LKMD1401H181MF](#) [LKMI2502G820MF](#) [LKMJ2001J122MF](#) [LKML2501C472MF](#) [LKMJ4002C681MF](#) [450MXH330MEFCSN25X45](#)
[450MXK330MA2RFC22X50](#) [63ZLH560MEFCG412.5X30](#) [ELH2DM331O25KT](#) [ELH2DM471P30KT](#)