



CRC NEW ENERGY

# APPROVAL SHEET

TO: 缓冲吸收薄膜电容 220nF ± 5% 1200V

Main Materials		MARKING & OUTLINE DRAWING
<b>Construction</b>	<b>Materials</b>	
Dielectric	Metallized Polypropylene Film	
Terminal	Tinned Copper Wire	
Filling	Flame-retardant epoxy resin, white	
Case	Mylar tape	

C. NO.	TYPE	Dimensions (mm)						NOTE
		W	H	T	L		D	
HA4002	MKP-HA0.22μFJ 1200VDC	34	21	12	35		1.0	

CUSTOMER CONFIRMATION			CRC OFFER		
STAMP	APPROVED BY	CHECKED BY	STAMP	APPROVED BY	PREPARED BY
					李道燕
DATE			DATE	2019-12-19	

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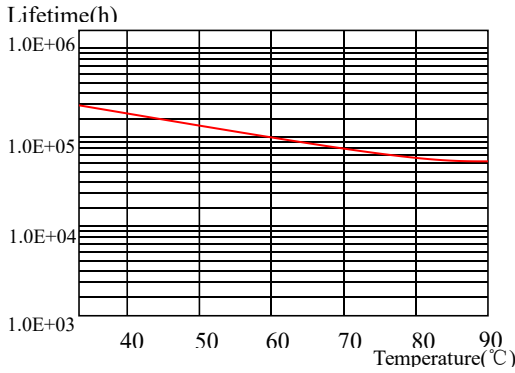
CRC-BDE-08

## Technical Data

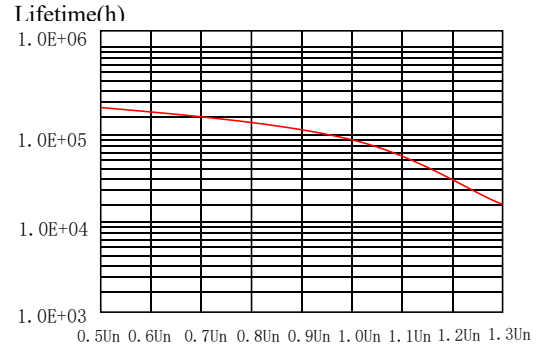
Items	Symbols	Values
Rated capacitance	$C_N$	$0.22\mu\text{F} \pm 5\%$
Rated voltage	$U_N$	1200V.DC
Non-recurrent surge voltage	$U_s$	1300V.DC
Maximum current	$I_{rms}$	8.3A
Maximum peak current	$\hat{I}$	220A
Maximum surge current	$I_s$	660A
Series resistance	$R_s$	$\leq 200\text{m}\Omega$
Tangent of the loss	$\tan \delta$	$\leq 0.0010(10\text{KHZ})$
Insulation Resistance	$C \times R_{is}$	$\geq 15000\text{M}\Omega$
Self inductance	$L_e$	$\leq 22\text{nH}$
Lowest operating temperature	$\Theta_{min}$	$-40^\circ\text{C}$
Storage temperature	$\Theta_{storage}$	$105^\circ\text{C}$
Operating humidity	RH	0~95%
Maximum operating temperature	$\Theta_{max}$	$85^\circ\text{C}$
Service life		100000h
Failure quota		$< 100\text{Fit}$
<b>Test data</b>		
Voltage test between terminals	$V_{tt}$	1800V.DC/10S
A.C.voltage test between terminals and case	$V_{t-c}$	-----
Operating altitude		2000m (max)
Terminal tightening torque		-----
Bottom tightening torque		-----
Weight		-----

# ELECTRICAL CHARACTERISTICS OF FILM CAPACITOR

## 1. Lifetime Expectancy

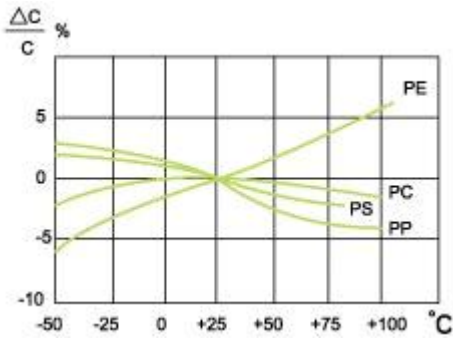


Lifetime expectancy vs. Charging temperature

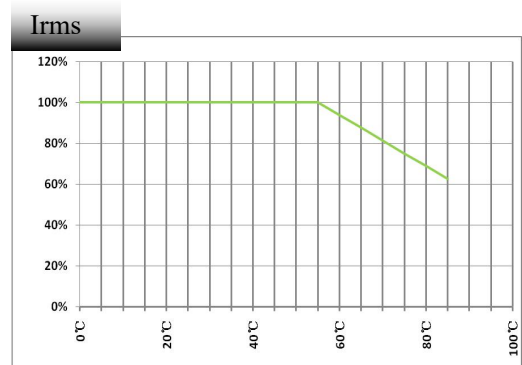


Lifetime expectancy vs. Charging voltage

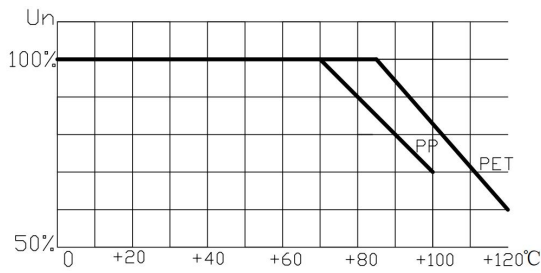
## 2. Temperature Characteristics



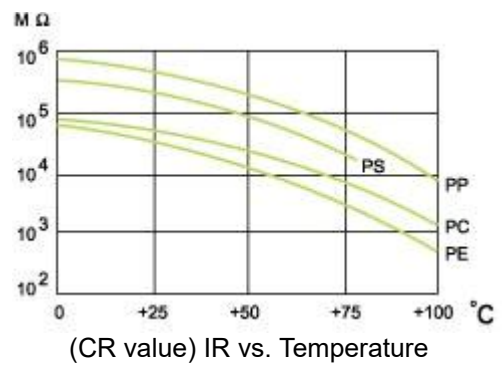
Capacitance change rate vs. Temperature



Operating current vs. Temperature

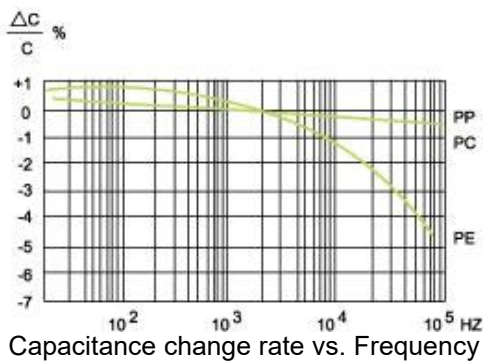


Operating voltage vs. Temperature

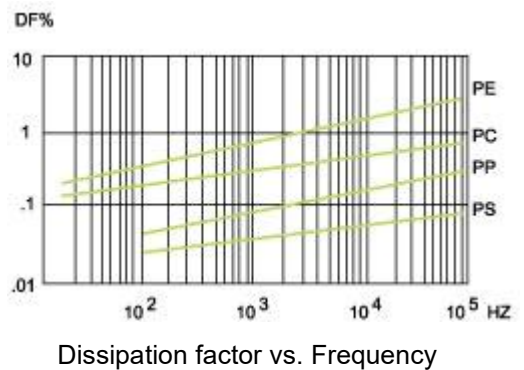


(CR value) IR vs. Temperature

## 3. Frequency Characteristics



Capacitance change rate vs. Frequency



Dissipation factor vs. Frequency

单击下面可查看定价，库存，交付和生命周期等信息

[>>CRC\(创容\)](#)