



# KAM

## PRODUCT SPECIFICATION / APPROVAL SHEET

CUSTOMER:	
PART №:	SE-5R5-D105VYV

Please confirm your acceptance of this approval sheet by return fax.	JINZHOU KAIMEI POWER CO., LTD TECHNOLOGY DEPARTMENT ADDRESS:27# Rain Street High Technology District Jinzhou City Tel:0416-2665722 Fax:0416-3886367									
	<table border="1"><tr><td>Spec №</td><td></td></tr><tr><td>Issue Date</td><td>2010-6</td></tr><tr><td>Edition</td><td>No. 2</td></tr><tr><td>Revised Date</td><td></td></tr></table>			Spec №		Issue Date	2010-6	Edition	No. 2	Revised Date
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CONFIRMATION SIGNATURE	<table border="1"><tr><td>DRAW</td><td>EDAM</td><td>APPR</td></tr><tr><td></td><td></td><td></td></tr></table>			DRAW	EDAM	APPR				
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### 1. General Specification

Item		Specification/Condition
01	Part No	SE-5R5-D105VYV
02	Rate discharge capacitance (F 25°C ΔV = 3V~2.5V I=0.01A)	1.0
03	Capacitance tolerance	-20%~+80%
04	Rated Voltage U <sub>0</sub> (V)	5.5
05	Operating temperature range	-25°C~70°C
06	MAX.ESR(Ω 1KHz)	10
07	Dimension(mm ΦD×L×H)	18.7(±0.5)×5.1(±0.5)×20(±0.5)
08	Down-lead distance(mm p)	5±0.5
09	Cycle life Expectancy	After nominal voltage,100,000 times charge-discharge circle   ΔC/C   ≤30% of the initial value ,ESR≤4 times of the specified value(25°C).

### 2. Environmental Specification

Item		Specification/Condition
01	Temperature characteristics	+70°C,   ΔC/C   ≤30% of the initial value, ESR≤specified value (25°C) -25°C,   ΔC/C   ≤50% of the initial value, ESR≤4 times of specified value (25°C)
02	High temperature load characteristics	After +70°C±2,nominal voltage, 1000h,   ΔC/C   ≤30% of the initial value, ESR≤4 times of specified value (25°C)。
03	High temperature without load characteristics	+70°C ± 2, 1000h ± 4,   ΔC/C   ≤30% of the initial value, ESR≤2times of specified value (25°C)
04	Humidity Resistance	After +40°C±2, 90--95%RH, 240h,   ΔC/C   ≤30% of the initial measured value, IL≤2 times of specified value (25°C) ,ESR≤4 times of specified value (25°C)。

### 3. KAM MARK



- ① Cathode sign
- ② Rated capacitance and rated voltage
- ③ KAM Brand

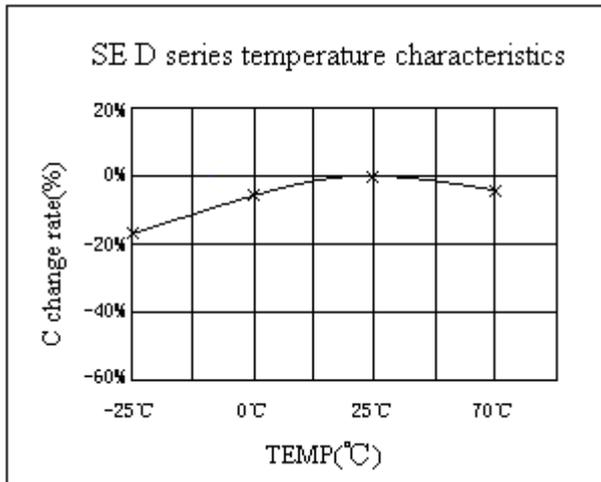
①      ②      ③



## 7. Test result

### KAMCAP temperature and life characteristics test

#### (1)、Temperature characteristics



#### (2)、Life characteristics

