

JGV 系列
SERIES

对应高温回流焊接105℃标准品
105℃ Standard, High Temperature Reflow Soldering.

◆ 特 长 / FEATURES

- 105℃、2000小时品。
Load Life : 105℃ 2000 hours.
- 可以进行高温回流焊接。
High Temperature reflow soldering is available.
- 适用于高密度贴片安装。
Available for high density mounting.
- RoHS指令对应品。
RoHS compliance.



◆ 规格表 / SPECIFICATIONS

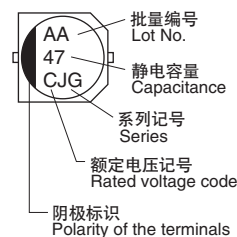
项 目 Items	特 性 Characteristics																								
工作温度范围 Category Temperature Range	-55 ~ +105℃																								
额定电压范围 Rated Voltage Range	6.3 ~ 50V.DC																								
静电容量允许差 Capacitance Tolerance	±20% (20℃, 120Hz)																								
漏 电 流 Leakage Current(MAX)	小于 $I=0.01CV$ 和 $3\mu A$ 中的较大值 (施加额定电压2分钟后) $I=0.01CV$ or $3\mu A$ whichever is greater. (After 2 minutes application of rated voltage) I = 漏电流 (μA) C = 额定静电容量 (μF) V = 额定电压 (V) Leakage Current Rated Capacitance Rated Voltage																								
损失角正切值 (tan δ) Dissipation Factor(MAX)	<table border="1"> <thead> <tr> <th>额定电压 (V) Rated Voltage</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>(20℃, 120Hz)</th> </tr> </thead> <tbody> <tr> <td>tan δ</td> <td>φ4, φ5, φ6.3×6.1</td> <td>0.30</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> </tr> <tr> <td></td> <td>φ6.3×8, φ8-φ10</td> <td>0.35</td> <td>0.26</td> <td>0.24</td> <td>0.18</td> <td>0.14</td> <td>0.12</td> </tr> </tbody> </table>	额定电压 (V) Rated Voltage	6.3	10	16	25	35	50	(20℃, 120Hz)	tan δ	φ4, φ5, φ6.3×6.1	0.30	0.24	0.20	0.16	0.14	0.12		φ6.3×8, φ8-φ10	0.35	0.26	0.24	0.18	0.14	0.12
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耐 久 性 Endurance	在105℃环境中，不超过额定电压的范围内叠加额定纹波电流，连续加载2000小时后，满足以下各项要求。 After applying rated voltage with rated ripple current for 2000 hours at 105℃, the capacitors shall meet the following requirements. <table border="1"> <tbody> <tr> <td>静电容量变化率 Capacitance Change</td> <td>初期值的±25%以内 Within ±25% of the initial value.</td> </tr> <tr> <td>损失角正切值 Dissipation Factor</td> <td>规格值的200%以下 Not more than 200% of the specified value.</td> </tr> <tr> <td>漏 电 流 Leakage Current</td> <td>规格值以下 Not more than the specified value.</td> </tr> </tbody> </table>	静电容量变化率 Capacitance Change	初期值的±25%以内 Within ±25% of the initial value.	损失角正切值 Dissipation Factor	规格值的200%以下 Not more than 200% of the specified value.	漏 电 流 Leakage Current	规格值以下 Not more than the specified value.																		
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低 温 特 性 Low Temperature Stability (阻 抗 比) Impedance Ratio(MAX)	<table border="1"> <thead> <tr> <th>额定电压 (V) Rated Voltage</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>(120Hz)</th> </tr> </thead> <tbody> <tr> <td>Z (-25℃) / Z (20℃)</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td></td> </tr> <tr> <td>Z (-40℃) / Z (20℃)</td> <td>8</td> <td>8</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> <td></td> </tr> </tbody> </table>	额定电压 (V) Rated Voltage	6.3	10	16	25	35	50	(120Hz)	Z (-25℃) / Z (20℃)	4	3	2	2	2	2		Z (-40℃) / Z (20℃)	8	8	4	4	3	3	
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◆ 纹波电流修正系数 /
MULTIPLIER FOR RIPPLE CURRENT

频率系数 Frequency Coefficient

频率 (Hz) Frequency	60 (50)	120	500	1k	10k ≤
0.1 ~ 1μF	0.50	1.00	1.20	1.30	1.50
2.2 ~ 4.7μF	0.65	1.00	1.20	1.30	1.50
10 ~ 47μF	0.80	1.00	1.20	1.30	1.50
100 ~ 1000μF	0.80	1.00	1.10	1.15	1.20

◆ 标 识 / MARKING



※电压记号 Voltage Code

额定电压 (V) Rated Voltage	6.3	10	16	25	35	50
额定电压记号 Rated Voltage code	j	A	C	E	V	H

◆ 产品型号体系 / PART NUMBER

□□□	JGV	□□□□□	M	□□□	D × L
额定电压 Rated Voltage	系列名称 Series	额定静电容量 Rated Capacitance	静电容量允许差 Capacitance Tolerance	副记号 Option	铝壳尺寸 Case Size

