



鋁 電 解 電 容 器
ALUMINIUM ELECTROLYTIC CAPACITORS

承 認 書

SPECIFICATION FOR APPROVAL

| | |
|----------------|-----------------------------|
| 客 戶 | |
| CUSTOMER: | 立创商城 |
| 料 號 | |
| P/N: | |
| 型 號 | |
| SERIES: | SMR SERIES |
| 規 格 | |
| SPECIFICATION: | 470 μ F25V/ Φ 8*14 |
| 日 期 | |
| DATE: | 2021 年 06 月 24 日 |

| 客 戶 承 認 欄 APPROVAL COLUMN | | | |
|------------------------------|--|--|--|
| | | | |

| 承 制 SUPPLIER | | |
|--|-----|-----|
|  | 黃永福 | 唐晓军 |

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承认内容
FOR APPROVAL

客户

CUSTOMER: 立创商城

| | | | | | | | | | | | | | | | | | | | | |
|---|--|--|---|--|-----------------------------------|----------------|------|-----------------------|------|-----|-----|-----|-----|----|---|-----|---|-----|---|-----|
| 料号 P/N: CG471ME814BP | | 系列 Electrolytic Capacitors Series SMR | | | 规格 Specif. 470 μ F25V/ φ 8*14 | | | | | | | | | | | | | | | |
| 电性能 Electric characteristics | | | | | | | | | | | | | | | | | | | | |
| 工作电压 W. V. (V-DC) | 标称容量 Nom. Cap. (μF) | 容量允差 Cap. Tol. (%) At 100/120Hz/25°C | 外形尺寸 Case Size D×L(mm) | 漏电流 L. C. (μA) 2minutes/25°C | 损失角 D. F. At 100/120Hz/25°C | | | | | | | | | | | | | | | |
| 25 | 470 | ±20% | 8*14 | 117.5 | 0.14 | | | | | | | | | | | | | | | |
| ESR 值 E. S. R. (Ω) At 100kHz/25°C | 浪涌电压 S. V. (V-DC) | 使用温度 Oper. Temp. (°C) | 纹波电流 Rip. Cur (mA) At 100/120Hz/105°C | 高温负荷 Load Life (HRS/105°C) | 高温贮存 Shelf Life (HRS/105°C) | | | | | | | | | | | | | | | |
| / | 30 | -40~+105 | 364 | 2000 | 500 | | | | | | | | | | | | | | | |
| 高温负荷特性 Load Life | 在 105°C 环境中对电容器施加额定工作电压连续 2000 小时, 经恢复后于常温 25°C 测试, 其性能符合下表要求 After applying rated working voltage for 2000 hours at 105°C and then being stabilized at +25°C, capacitors shall meet following limits | | | | | | | | | | | | | | | | | | | |
| | 静电容量变化率 Capacitance change | 初测值的 ± 20% 以内 Within ±20% of the initial measured value | | | | | | | | | | | | | | | | | | |
| | 损失角正切值 Dissipation Factor | 不大于规定值的 200% Less than 200% of the specified value | | | | | | | | | | | | | | | | | | |
| | 漏电流 Leakage Current | 不大于规定值 Within specified value | | | | | | | | | | | | | | | | | | |
| 高温贮存特性 Shelf Life | 在 105°C 环境中(不加电压)放置 500 小时, 经恢复后于常温 25°C 测试, 其性能符合下表要求 After storage for 500 hours at 105°C With no voltage applied and then being stabilized at +25°C, capacitors shall meet following limits | | | | | | | | | | | | | | | | | | | |
| | 静电容量变化率 Capacitance change | 初测值的 ± 20% 以内 Within ±20% of the initial measured value | | | | | | | | | | | | | | | | | | |
| | 损失角正切值 Dissipation Factor | 不大于规定值的 200% Less than 200% of the specified value | | | | | | | | | | | | | | | | | | |
| | 漏电流 Leakage Current | 不大于规定值的 200% Less than 200% of the specified value | | | | | | | | | | | | | | | | | | |
| 纹波电流修正系数 coefficient | 频率系数 Frequency coefficient | | | | | | | | | | | | | | | | | | | |
| | W.V (V) | Freq(Hz) Cap.(uF) | 50 (60) | 100 (120) | 1K | 10K | 100K | 温度(°C) Temperature | +105 | +85 | +65 | | | | | | | | | |
| | | | 6.3~10 | | 0.8 | 1.0 | 1.1 | | | | | 1.2 | 1.2 | | | | | | | |
| | 25~35 | ≤1000 | 0.8 | 1.0 | 1.5 | 1.7 | 1.7 | 系数 Factor | 1.0 | 1.7 | 2.1 | | | | | | | | | |
| | | >1000 | 0.8 | 1.0 | 1.2 | 1.3 | 1.3 | | | | | | | | | | | | | |
| | 50~100 | ≤1000 | 0.8 | 1.0 | 1.6 | 1.9 | 1.9 | | | | | | | | | | | | | |
| >1000 | | 0.8 | 1.0 | 1.2 | 1.3 | 1.9 | | | | | | | | | | | | | | |
| 160~450 | | 0.8 | 1.0 | 1.3 | 1.5 | 1.6 | | | | | | | | | | | | | | |
| 尺寸 Diagram: (Unit:mm) | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <tr><td>D</td><td>8</td></tr> <tr><td>L</td><td>14</td></tr> <tr><td>F</td><td>3.5</td></tr> <tr><td>d</td><td>0.5</td></tr> <tr><td>a</td><td>1.5</td></tr> </table> | | | | | | | D | 8 | L | 14 | F | 3.5 | d | 0.5 | a | 1.5 |
| D | 8 | | | | | | | | | | | | | | | | | | | |
| L | 14 | | | | | | | | | | | | | | | | | | | |
| F | 3.5 | | | | | | | | | | | | | | | | | | | |
| d | 0.5 | | | | | | | | | | | | | | | | | | | |
| a | 1.5 | | | | | | | | | | | | | | | | | | | |
| 作成 Designer | 罗家玲 | | 审核 Auditor | 唐晓军 | | 核准 Approved | 黄永福 | | | | | | | | | | | | | |
| 客户承认 CUSTOMER SIGNATURE | | | | | | | | | | | | | | | | | | | | |