

产品结构

介质： 金属化聚丙烯薄膜
 外壳： 铝壳封装, 塑料支架
 内部灌封： 树脂填充 (UL94 V-0)

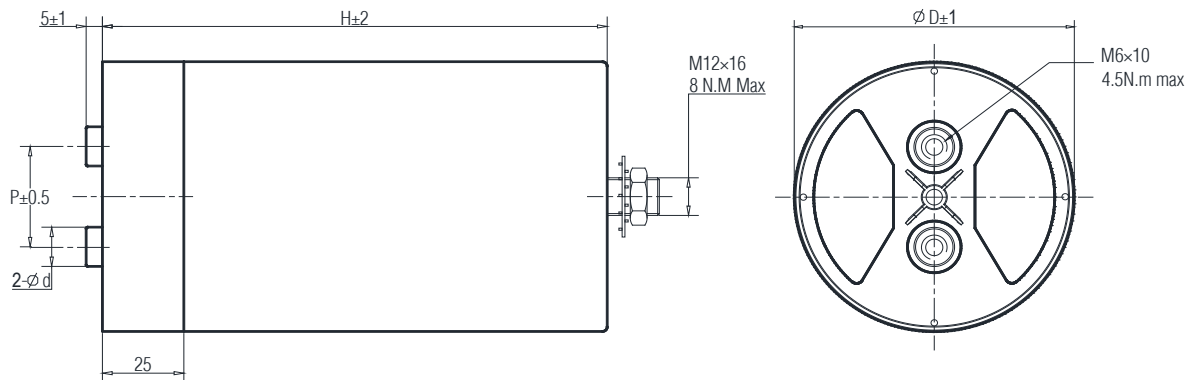
电气特性

工作温度： -40 至 +85 °C
 容量范围： 10 至 300μF
 额定电压： 300 至 1400VAC
 容量偏差： ±5% , ±10%
 损耗因素： $\leq 2 \times 10^{-3}$ @ 100 Hz, 20±5°C
 预期寿命： 100,000 小时 @ Urms, 70 °C(热点温度)
 极间耐压： 1.5Urms (AC) @ 50Hz, 10s, 20±5°C
 极壳耐压： (1.5Upeak+1000)VAC, 最小 3000VAC (10s,50Hz)
 绝缘电阻： (IR×Cn) 30000s (不超过 30GΩ), 100VDC (20±5°C), 1 分钟



应用

逆变器 变频器 UPS AC 滤波



安装孔距与安装螺口外径尺寸

| D=76, 86mm | D=96mm | D=116mm | D=136mm |
|------------|----------|---------|---------|
| 12.5mm | d=12.5mm | d=14mm | d=14mm |
| P= 32mm | P= 45mm | P= 50mm | P= 50mm |

特性参数

| 订货代码 | 容量 (μF) | D (mm) | H (mm) | P (mm) | I _{Max} @45°C @10KHz (A) | ESR@1.0KHz (mΩ) | R _{th} (k/w) | 重量 (kg) |
|-------------------------------|---------|--------|--------|--------|-----------------------------------|-----------------|-----------------------|---------|
| Urms 300VAC Upeak 420V | | | | | | | | |
| SRP-300-115-FSB0 | 115 | 76 | 70 | 32 | 39 | 2.1 | 5.4 | 0.40 |
| SRP-300-150-FSB0 | 150 | 86 | 70 | 32 | 45 | 1.8 | 4.5 | 0.50 |
| SRP-300-200-FSB0 | 200 | 86 | 95 | 32 | 59 | 1.3 | 4.0 | 0.70 |
| SRP-300-230-FSB0 | 230 | 76 | 125 | 32 | 53 | 1.3 | 4.1 | 0.72 |
| SRP-300-300-FSB0 | 300 | 86 | 125 | 32 | 60 | 1.2 | 3.5 | 0.91 |
| Urms 450VAC Upeak 640V | | | | | | | | |
| SRP-450-50-FSB0 | 50 | 76 | 70 | 32 | 35 | 2.9 | 5.4 | 0.40 |
| SRP-450-60-FSB0 | 60 | 76 | 80 | 32 | 34 | 3.1 | 5.1 | 0.46 |
| SRP-450-70-FSB0 | 70 | 86 | 70 | 32 | 41 | 2.4 | 4.5 | 0.50 |
| SRP-450-80-FSB0 | 80 | 86 | 80 | 32 | 40 | 2.6 | 4.3 | 0.57 |
| SRP-450-100-FSB0 | 100 | 76 | 125 | 32 | 49 | 1.6 | 4.1 | 0.72 |
| SRP-450-120-FSB0 | 120 | 76 | 145 | 32 | 49 | 1.8 | 3.8 | 0.83 |
| SRP-450-130-FSB0 | 130 | 86 | 125 | 32 | 56 | 1.5 | 3.5 | 0.91 |
| SRP-450-200-FSB0 | 200 | 96 | 150 | 45 | 63 | 1.4 | 2.9 | 1.25 |

特性参数

| 订货代码 | 容量 (μ F) | D (mm) | H (mm) | P (mm) | $I_{Max}@45^{\circ}C$ @10KHz (A) | ESR@1.0KHz (m Ω) | Rth (k/w) | 重量 (kg) |
|---------------------------------|------------------|-----------|-----------|-----------|-------------------------------------|-----------------------------|--------------|------------|
| Urms 500VAC Upeak 710V | | | | | | | | |
| SRP-500-45-FSB0 | 45 | 76 | 70 | 32 | 34 | 3.0 | 5.4 | 0.40 |
| SRP-500-55-FSB0 | 55 | 76 | 80 | 32 | 32 | 3.2 | 5.1 | 0.45 |
| SRP-500-60-FSB0 | 60 | 86 | 70 | 32 | 40 | 2.5 | 4.5 | 0.50 |
| SRP-500-72-FSB0 | 72 | 86 | 80 | 32 | 39 | 2.7 | 4.3 | 0.57 |
| SRP-500-90-FSB0 | 90 | 76 | 125 | 32 | 49 | 1.7 | 4.1 | 0.72 |
| SRP-500-110-FSB0 | 110 | 76 | 145 | 32 | 49 | 1.6 | 3.8 | 0.83 |
| SRP-500-120-FSB0 | 120 | 86 | 125 | 32 | 56 | 1.5 | 3.5 | 0.90 |
| SRP-500-150-FSB0 | 150 | 86 | 145 | 32 | 56 | 1.5 | 3.3 | 1.03 |
| SRP-500-180-FSB0 | 180 | 96 | 150 | 45 | 63 | 1.4 | 2.9 | 1.24 |
| Urms 550VAC Upeak 780V | | | | | | | | |
| SRP-550-25-FSB0 | 25 | 76 | 70 | 32 | 38 | 3.1 | 5.4 | 0.40 |
| SRP-550-30-FSB0 | 30 | 76 | 80 | 32 | 37 | 3.1 | 5.4 | 0.46 |
| SRP-550-40-FSB0 | 40 | 76 | 95 | 32 | 37 | 3.1 | 4.7 | 0.53 |
| SRP-550-50-FSB0 | 50 | 76 | 125 | 32 | 53 | 1.6 | 4.1 | 0.72 |
| SRP-550-60-FSB0 | 60 | 76 | 145 | 32 | 53 | 1.6 | 3.8 | 0.83 |
| SRP-550-68-FSB0 | 68 | 86 | 125 | 32 | 60 | 1.4 | 3.5 | 0.89 |
| SRP-550-82-FSB0 | 82 | 86 | 145 | 32 | 60 | 1.4 | 3.3 | 1.04 |
| SRP-550-110-FSB0 | 110 | 86 | 175 | 32 | 62 | 1.5 | 3.0 | 1.23 |
| SRP-550-140-FSB0 | 140 | 96 | 180 | 45 | 69 | 1.3 | 2.6 | 1.47 |
| SRP-550-160-FSB0 | 160 | 116 | 150 | 50 | 80 | 1.0 | 2.2 | 1.88 |
| SRP-550-200-FSB0 | 200 | 116 | 180 | 50 | 82 | 1.2 | 2.0 | 2.25 |
| Urms 690VAC Upeak 980V | | | | | | | | |
| SRP-690-18-FSB0 | 18 | 76 | 70 | 32 | 36 | 3.7 | 5.4 | 0.40 |
| SRP-690-22-FSB0 | 22 | 76 | 80 | 32 | 35 | 3.6 | 5.1 | 0.45 |
| SRP-690-28-FSB0 | 28 | 76 | 95 | 32 | 35 | 3.7 | 4.7 | 0.53 |
| SRP-690-35-FSB0 | 35 | 76 | 125 | 32 | 51 | 1.8 | 4.1 | 0.71 |
| SRP-690-44-FSB0 | 44 | 76 | 145 | 32 | 52 | 1.8 | 3.8 | 0.82 |
| SRP-690-58-FSB0 | 58 | 86 | 145 | 32 | 59 | 1.6 | 3.3 | 1.03 |
| SRP-690-75-FSB0 | 75 | 86 | 175 | 32 | 59 | 1.6 | 3.0 | 1.24 |
| SRP-690-95-FSB0 | 95 | 96 | 180 | 45 | 66 | 1.5 | 2.6 | 1.48 |
| SRP-690-110-FSB0 | 110 | 116 | 150 | 50 | 78 | 1.2 | 2.2 | 1.88 |
| SRP-690-145-FSB0 | 145 | 116 | 180 | 50 | 80 | 1.3 | 2.0 | 2.23 |
| Urms 850VAC Upeak 1200V | | | | | | | | |
| SRP-850-10-FSB0 | 10 | 76 | 70 | 32 | 31 | 5.7 | 5.4 | 0.41 |
| SRP-850-15-FSB0 | 15 | 76 | 80 | 32 | 33 | 4.6 | 5.1 | 0.46 |
| SRP-850-20-FSB0 | 20 | 76 | 95 | 32 | 33 | 4.4 | 4.7 | 0.54 |
| SRP-850-27-FSB0 | 27 | 76 | 125 | 32 | 50 | 2.0 | 4.1 | 0.71 |
| SRP-850-34-FSB0 | 34 | 86 | 125 | 32 | 56 | 1.8 | 3.5 | 0.90 |
| SRP-850-42-FSB0 | 42 | 86 | 145 | 32 | 57 | 1.8 | 3.3 | 1.03 |
| SRP-850-56-FSB0 | 56 | 86 | 175 | 32 | 58 | 1.8 | 3.0 | 1.23 |
| SRP-850-70-FSB0 | 70 | 96 | 180 | 45 | 64 | 1.6 | 2.6 | 1.48 |
| SRP-850-80-FSB0 | 80 | 116 | 150 | 50 | 77 | 1.3 | 2.2 | 1.89 |
| SRP-850-105-FSB0 | 105 | 116 | 180 | 50 | 78 | 1.4 | 2.0 | 2.24 |
| Urms 1400VAC Upeak 1980V | | | | | | | | |
| SRP-1400-13-FSB0 | 13 | 76 | 175 | 32 | 50 | 4.0 | 3.4 | 1.05 |
| SRP-1400-16-FSB0 | 16 | 86 | 175 | 32 | 56 | 3.4 | 3.0 | 1.33 |
| SRP-1400-33-FSB0 | 33 | 116 | 180 | 50 | 78 | 2.1 | 2.0 | 2.44 |
| SRP-1400-46-FSB0 | 46 | 136 | 180 | 50 | 90 | 1.7 | 1.7 | 3.31 |