



GT

125 -

Conductive Polymer Hybrid Aluminum Electrolytic Capacitors (125 Type)- Radial Type

Features



Long life, Low DC Leakage current, High reliability.

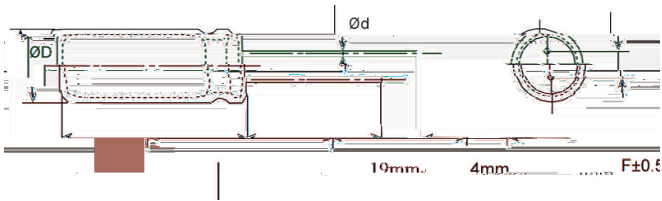


125 5000

Endurance: 5000 h at 125 .

Specifications

Dimensions



Size List

Unit: mm

| | | |
|-----------|---------|-----|
| D +0.5max | | 10 |
| F ±0.5 | 3.5 | 5 |
| d(±0.05) | 0.6 | 0.6 |
| | +1.0max | |

Nominal Capacitance, Rated Voltage, Rated Ripple Current and Case Size Table

| Rated Volt. (V) | Capacitance (uF) | Size D×L(mm) | Tan 120HZ,20 | LC μA | ESR (m /at 100k~ 300kHz 20 max) | Rated R. C. (mA/rms at 100kHz 125) |
|-----------------|------------------|--------------|--------------|-------|---------------------------------|-------------------------------------|
| | 560 | 8× 12 | 0.14 | | | 1800 |
| | 680 | 8× 16 | 0.14 | 544 | 20 | 2050 |
| | 820 | 10× 12.5 | 0.14 | 656 | | 2200 |
| | 1000 | 10× 16 | 0.14 | 800 | | 2400 |
| | 1200 | 10× 16 | 0.14 | 960 | | 2400 |
| 25 | 330 | 8× 12 | 0.14 | | | 1600 |
| | 470 | 8× 16 | 0.14 | 587 | 20 | 1800 |
| | 560 | 10× 12.5 | 0.14 | 700 | | 1900 |
| | 680 | 10× 16 | 0.14 | 850 | | 2150 |
| | 820 | 10× 16 | 0.14 | 1025 | | 2150 |
| 35 | 100 | 8× 12 | 0.1 | 175 | | 1400 |
| | 220 | 8× 16 | 0.1 | 385 | | 1550 |
| | 270 | 10× 12.5 | 0.1 | | 20 | 1700 |
| | 330 | 10× 16 | 0.1 | 577 | | 1900 |
| 50 | 100 | 8× 12 | 0.1 | 250 | 30 | 1100 |
| | 150 | 10× 12.5 | 0.1 | 375 | | 1450 |
| | 150 | 8× 16 | 0.1 | 375 | | 1250 |
| | 220 | 10× 16 | 0.1 | 550 | | 1600 |
| | | 8× 12 | 0.1 | | | 900 |
| | 100 | 10× 12.5 | 0.1 | 315 | 30 | 1250 |
| | 100 | 8× 16 | 0.1 | 315 | | 1100 |
| | 150 | 10× 16 | 0.1 | | | 1450 |
| | 180 | 10× 16 | 0.1 | 567 | | 1450 |
| 80 | | 8× 12 | 0.1 | 108 | 55 | 450 |
| | | 8× 16 | 0.1 | | 50 | 600 |
| | | 10× 12.5 | 0.1 | | 45 | 750 |
| | | 10× 16 | 0.1 | | 40 | 900 |
| 100 | | 8× 12 | 0.1 | 110 | 55 | 450 |
| | | 8× 16 | 0.1 | 135 | 50 | 600 |
| | | 10× 12.5 | 0.1 | 165 | 45 | 750 |
| | | 10× 16 | 0.1 | 235 | 40 | 900 |

Frequency correction factor for ripple current

| Frequency KHz | 0.1 Freq. 0.5 | 0.5 Freq. 1 | 1 Freq. 5 | 5 Freq. 10 | 10 Freq. 50 | 50 Freq. 100 | 100 Freq. 300 |
|---------------|---------------|-------------|-----------|------------|-------------|--------------|---------------|
| Coefficient | 0.10 | 0.30 | 0.4 | 0.6 | 0.75 | 0.9 | |