

Hybrid Conductive Polymer Type / Surface Mount Type

RoHS compliance

FVFP Series

125°C·135°C

High Ripple Current

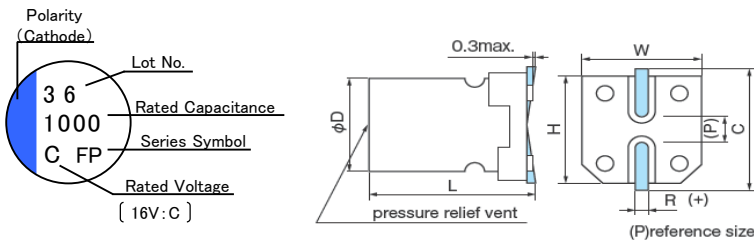
- 125°C: 4,000hours, 135°C: 4,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

NEW

Specifications

| Items | Condition | Specifications | |
|---------------------------------|--|----------------|---------------------------------------|
| Rated voltage (V) | — | 16 | |
| Surge voltage (V) | Room temperature | 20 | |
| Category temperature range (°C) | — | -55 to +135 | |
| Capacitance tolerance (%) | 120Hz/20°C | M: ±20 | |
| Dissipation Factor (tan δ) | tan δ (max.) 120Hz/20°C | 0.16 | |
| Leakage current (LC) | μ A/after 2 minutes (max.), 20°C | 0.01CV | |
| Endurance | 125°C, 135°C rated voltage applied (With the rated ripple current) | Test | 4,000hours |
| | | Δ C/C | Within ±30% of the initial value |
| | | tan δ | Less than 200% of the specified value |
| | | ESR | Less than 200% of the specified value |
| | | LC | Less than the specified value |

Marking, Dimensions



(Unit: mm)

| D ±0.5 | L ±0.3 | W ±0.2 | H ±0.2 | C ±0.2 | R | P |
|--------|--------|--------|--------|--------|------------|-----|
| 8 | 10.5 | 8.3 | 8.3 | 9.0 | 0.7 to 1.0 | 3.2 |
| 10 | 10.5 | 10.3 | 10.3 | 11.0 | 1.0 to 1.4 | 4.6 |
| 10 | 12.5 | 10.3 | 10.3 | 11.0 | 1.0 to 1.4 | 4.6 |
| 10 | 13.8 | 10.3 | 10.3 | 11.0 | 1.0 to 1.4 | 4.6 |
| 10 | 16.5 | 10.3 | 10.3 | 11.0 | 1.0 to 1.4 | 4.6 |

Size, ESR, Rated Ripple Current

| μ F | Items | 16 | | |
|------|-------|---------------------------|--------------------------------|--------------------------------------|
| | | Case size φ D × L (mm) | ESR (mΩ max.) (20°C/100kHz) | Rated ripple current (mA rms/100kHz) |
| 330 | | 8 × 10.5 | 20 | 3700 2500 |
| 560 | | 10 × 10.5 | 18 | 4200 2800 |
| 680 | | 10 × 12.5 | 14 | 4700 3100 |
| 820 | | 10 × 13.8 | 13 | 5000 3300 |
| 1000 | | 10 × 16.5 | 11 | 5900 4000 |

Part number

