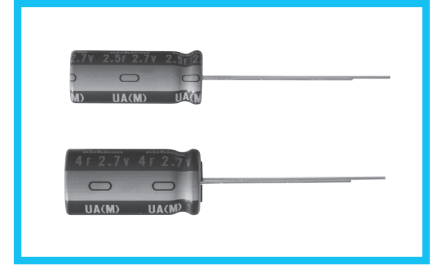


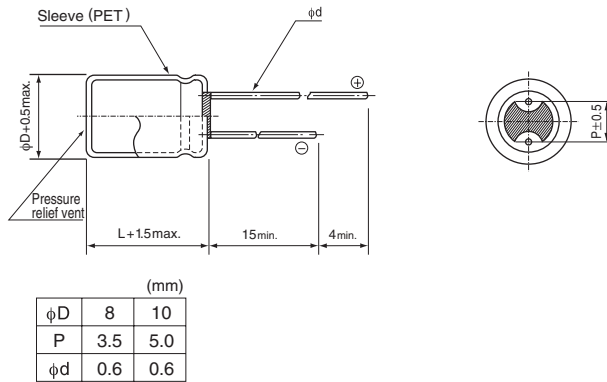
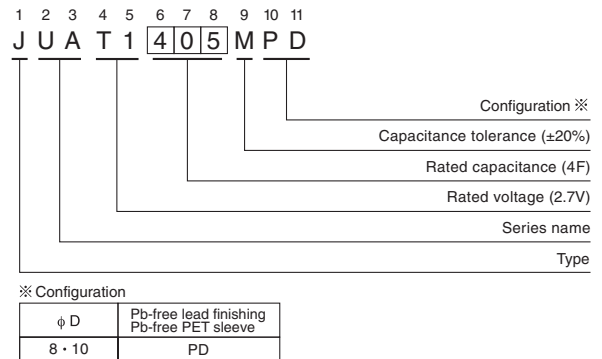
JUA

Radial Lead Type, Lower Resistance, Long Life

- Lower resistance and long life type of JUM.
- Lower temperature range (– 40 to +70°C).
- Load life of 2000hours at 70°C.
- Compliant to the RoHS directive (2011/65/EU,(EU)2015/863).

**JUA****Specifications**

| Item | Performance Characteristics | | |
|------------------------------|---|--------------------|---|
| Category Temperature Range | − 40 to +70°C | | |
| Rated Voltage | 2.7V | | |
| Rated Capacitance | 1.2 to 4.7F See Note | | |
| Capacitance Tolerance | ±20% , 20°C | | |
| Stability at Low Temperature | Capacitance (− 40°C) / Capacitance (+20°C) ×100 ≥ 70% ESR (− 40°C) / ESR (+20°C) ≤ 7 | | |
| ESR | Refer to the table below (20°C). | | |
| Endurance | The specifications listed at right shall be met when the capacitors are restored to 20°C after the rated voltage is applied for 2000 hours at 70°C. | Capacitance change | Within ±30% of the initial capacitance value |
| | | ESR | 400% or less than the initial specified value |
| Shelf Life | The specifications listed at right shall be met when the capacitors are restored to 20°C after storing the capacitors under no load for 1000 hours at 70°C. | Capacitance change | Within ±30% of the initial capacitance value |
| | | ESR | 400% or less than the initial specified value |
| Humidity Endurance | The specifications listed at right shall be met when the capacitors are restored to 20°C after the rated voltage is applied for 500 hours at 40°C 90%RH. | Capacitance change | Within ±30% of the initial capacitance value |
| | | ESR | 300% or less than the initial specified value |
| Marking | Printed with white color letter on black sleeve. | | |

Drawing**Type numbering system (Example : 2.7V 4F)****Dimensions**

| Rated Voltage (Code) | Rated Capacitance (F) | Code | ESR (Ω) (at 1kHz) | DCR※ Typical (Ω) | Case size φ D × L (mm) |
|---------------------------|----------------------------|------|-------------------------|---------------------|---------------------------|
| 2.7V (T1) | 1.2 | 125 | 0.40 | 0.40 | 8 × 11.5 |
| | 2.0 | 205 | 0.25 | 0.25 | 10 × 12.5 |
| | 2.5 | 255 | 0.15 | 0.15 | 8 × 20 |
| | 4.0 | 405 | 0.10 | 0.10 | 10 × 20 |
| | 4.7 | 475 | 0.15 | 0.13 | 10 × 20 |

Note :

The capacitance calculated from discharge time (ΔT) with constant current (i) after 30minute charge with rated voltage (2.7V).

The discharge current (i) is 0.01 × rated capacitance (F).

The discharge time (ΔT) measured between 2V and 1V with constant current.

The capacitance calculated below.

$$\text{Capacitance (F)} = i \times \Delta T$$

※ The listed DCR value is typical and therefore not a guaranteed value.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Nichicon:](#)

[JUAT1125MPD](#) [JUAT1205MPD](#) [JUAT1255MPD](#) [JUAT1475MPD](#) [JUAT1405MPD](#)