

METALLIZED POLYESTER FILM CAPACITORS

TYPE : MEC

(NON-INDUCTIVE, FLAME RETARDANT ENCASED)

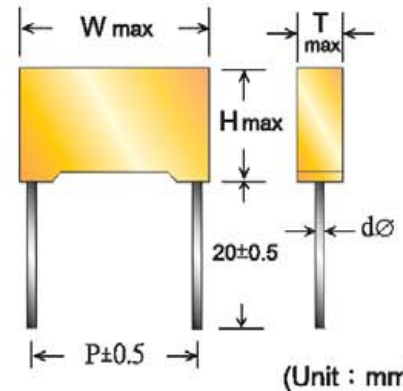
1. Non-inductive construction.
2. Self-healing property.
3. Flame-retardant plastic case.
4. High moisture-resistance.
5. Good solderability.



SPECIFICATIONS :

| | |
|-----------------------|---|
| OPERATING TEMPERATURE | -40 ~ +85°C |
| RATED VOLTAGE | 63, 100, 250, 400, 630V.D.C |
| CAPACITANCE RANGE | 0.0047 ~ 6.8 μ F |
| DIELECTRIC STRENGTH | 175% of rated voltage for 5 sec. |
| CAPACITANCE TOLERANCE | $\pm 5\%$ (J) $\pm 10\%$ (K) |
| INSULATION RESISTANCE | $C \leq 0.33 \mu F$ and $\leq 100VDC$ $IR \geq 15,000M\Omega$ $C > 0.33 \mu F$ and $\leq 100VDC$ $IR \geq 5,000M\Omega \cdot \mu F$ $C \leq 0.33 \mu F$ and $> 100VDC$ $IR \geq 30,000M\Omega$ $C > 0.33 \mu F$ and $> 100VDC$ $IR \geq 10,000M\Omega \cdot \mu F$ |
| DISSIPATION FACTOR | 1% MAX. at 1KHZ |

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| VDC μ F SIZE | 63VDC | 100VDC | 250VDC | 400VDC | 630VDC |
|---------------------|-----------|--------|--------|--------|--------|
| | CASE CODE | | | | |
| 0.0047 | | | | | C1 |
| 0.0068 | | | | | C1 |
| 0.01 | B2 | B2 | B2 | C1 | C1 |
| 0.015 | B2 | B2 | B2 | C1 | C2 |
| 0.022 | B2 | B2 | B3 | C1 | C3 |
| 0.033 | B2 | B2 | B3 | C2 | D1 |
| 0.047 | B2 | B2 | B3 | C3 | D2 |
| 0.068 | B2 | B3 | C1 | D1 | D3 |
| 0.1 | B2 | B3 | C2 | D2 | D4 |
| 0.15 | B2 | B3 | C3 | D3 | E2 |
| 0.22 | B3 | B4 | D1 | E2 | E3 |
| 0.33 | B3 | B4 | D2 | E3 | F1 |
| 0.47 | B3 | D1 | D3 | E4 | F2 |
| 0.68 | B4 | D2 | E2 | F1 | F3 |
| 1.0 | B5 | D3 | E3 | F1 | |
| 1.5 | D2 | E2 | F1 E3 | F2 | |
| 2.2 | D4 | E3 | F1 | | |
| 3.3 | E2 | E4 | F2 | | |
| 4.7 | E3 | F1 | F3 | | |
| 6.8 | E4 | F2 | | | |

| Dimension Case Code | W | H | T | P | dØ |
|------------------------|------|------|------|------|---------|
| B2 | 10.5 | 6.5 | 3.5 | 7.5 | 0.6 |
| B3 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 |
| B4 | 10.5 | 11.0 | 5.0 | 7.5 | 0.6 |
| B5 | 10.5 | 12.0 | 6.0 | 7.5 | 0.6 |
| C1 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6/0.8 |
| C2 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6/0.8 |
| C3 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6/0.8 |
| D1 | 18.0 | 11.0 | 5.0 | 15.0 | 0.8 |
| D2 | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 |
| D3 | 18.0 | 15.0 | 7.5 | 15.0 | 0.8 |
| D4 | 18.0 | 15.0 | 8.5 | 15.0 | 0.8 |
| E1 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| E2 | 26.5 | 16.5 | 7.0 | 22.5 | 0.8 |
| E3 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 |
| E4 | 26.5 | 20.0 | 10.0 | 22.5 | 0.8 |
| F1 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 |
| F2 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 |
| F3 | 32.0 | 30.0 | 15.0 | 27.5 | 0.8 |

Please stipulate Case-Code required when submit enquiry.

* The Diameter of lead wire for Case C Series is 0.6mm only at the moment unless special request.