

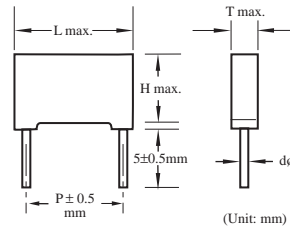
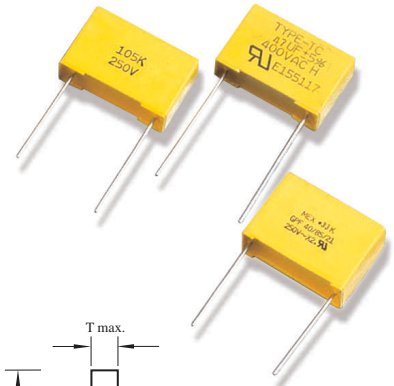
METALLIZED POLYESTER FILM CAPACITOR-BOX-MEC

NON - I N D U C T I V E , F L A M E R E T A R D A N T E N C A S E D

INTRODUCTION

TS02B

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



SPECIFICATIONS

| | |
|-----------------------|--|
| OPERATING TEMPERATURE | -40°C TO +85°C |
| RATED VOLTAGE | DC 63V, 100V, 250V, 400V, 630V |
| CAPACITANCE RANGE | 0.0047 TO 6.8uF |
| DIELECTRIC STRENGTH | 150% of rated voltage for 5 sec. |
| CAPACITANCE TOLERANCE | ±5%, ±10%, ±20% |
| INSULATION RESISTANCE | C≤0.33uf and ≤100VDCIR≥15,000MΩ C>0.33uf and ≤100VDCIR≥ 5,000MΩ C≤0.33uf and >100VDCIR≥30,000MΩ C>0.33uf and >100VDCIR≥10,000MΩ |
| DISSIPATION FACTOR | ≤1% (AT 1KHz) |

| VDC SIZE Mfd | 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 | E1 |
| 0.15 | B2 | B3 | D1 | D3 | E2 |
| 0.22 | B3 | B4 | D1 | E1 | E3 |
| 0.33 | B3 | B4 | D2 | E2 | F1 |
| 0.47 | B3 | D1 | E1 | E3 | 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 | F2 | F3 | | |
| 6.8 | E4 | F2 | | | |

| Dimension Case Code | L | T | H | P | dØ |
|------------------------|------|------|------|------|---------|
| | B2 | 10.5 | 3.5 | 8.5 | 7.5 |
| B3 | 10.5 | 4.0 | 9.0 | 7.5 | 0.6 |
| B4 | 10.5 | 5.0 | 11.0 | 7.5 | 0.6 |
| B5 | 10.5 | 6.0 | 12.0 | 7.5 | 0.6 |
| C1 | 13.0 | 4.0 | 9.0 | 10.0 | 0.6/0.8 |
| C2 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6/0.8 |
| C3 | 13.0 | 6.0 | 12.0 | 10.0 | 0.6/0.8 |
| D1 | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 |
| D2 | 18.0 | 6.0 | 12.0 | 15.0 | 0.8 |
| D3 | 18.0 | 7.5 | 14.0 | 15.0 | 0.8 |
| D4 | 18.0 | 8.5 | 15.0 | 15.0 | 0.8 |
| E1 | 26.5 | 6.0 | 15.0 | 22.5 | 0.8 |
| E2 | 26.5 | 7.0 | 16.5 | 22.5 | 0.8 |
| E3 | 26.5 | 8.5 | 17.0 | 22.5 | 0.8 |
| E4 | 26.5 | 10.0 | 19.0 | 22.5 | 0.8 |
| F1 | 32.0 | 11.0 | 20.0 | 27.5 | 0.8 |
| F2 | 32.0 | 13.0 | 22.0 | 27.5 | 0.8 |
| F3 | 32.0 | 15.0 | 30.0 | 27.5 | 0.8 |