

METALLIZED POLYESTER FILM CAPACITORS

TYPE : MER

EPOXY DIP COATED RADIAL LEADS

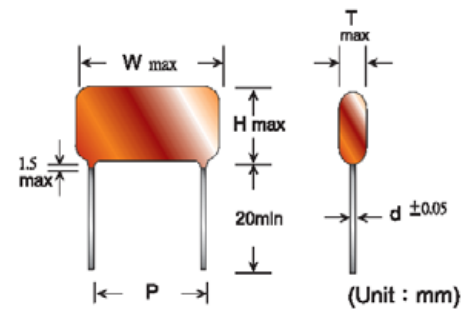
1. Self healing characteristics.
2. Miniature size, light in weight.
3. High stability of temperature vs. cap. and $\tan \delta$
4. High density thermosetting epoxy resin enhance mechanical strength and humidity resistance.
5. Excellent result obtained from use in coupling, by pass, R.F. filtering and solidstate application, where dimension is critical.



SPECIFICATIONS :

| | |
|-----------------------|--|
| OPERATING TEMPERATURE | -40 ~ +85°C |
| RATED VOLTAGE | 100, 250, 400, 630V.D.C |
| CAPACITANCE RANGE | 0.01 ~ 10 μ F |
| DIELECTRIC STRENGTH | 175% of rated voltage for 5 sec. |
| CAPACITANCE TOLERANCE | $\pm 5\%$ (J) $\pm 10\%$ (K) |
| INSULATION RESISTANCE | $C \leq 0.33 \mu F$ $R \geq 30,000 M\Omega$ $C > 0.33 \mu F$ $RC \geq 10,000 M\Omega \cdot \mu F$ |
| DISSIPATION FACTOR | 1% MAX. at 1KHZ |

TYPE : MER



MAXIMUM PULSE RISE TIME (V/ μ sec.):
Shown as following table.

| | | | | |
|-------|-----|-----|-----|-----|
| RV | 100 | 250 | 400 | 630 |
| dv/dt | 10 | 10 | 20 | 25 |

| | | | |
|----------------|--------|--------|--------|
| V.DC | 250VDC | 400VDC | 630VDC |
| V.AC (50/60Hz) | 125VAC | 200VAC | 250VAC |

| Capacitance | 2A (100VDC) | | | | | 2E (250VDC) | | | | | 2G (400VDC) | | | | | 2J (630VDC) | | | | | |
|-------------|-------------|------|------|------|------|-------------|------|------|------|------|-------------|------|------|------|------|-------------|------|-----------|-----------|-----------|-----------|
| | W | H | T | P | d | W | H | T | P | d | W | H | T | P | d | W | H | T | P | d | |
| 103 | 0.01 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 |
| 153 | 0.015 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 |
| 223 | 0.022 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 | 12.5 | 11.0 | 7.0 | 10.0 | 0.6 |
| 333 | 0.033 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 | 12.5 | 9.5 | 6.5 | 10.0 | 0.6 | 17.5 | 9.5 | 6.0 | 15.0 | 0.6 |
| 473 | 0.047 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 | 12.5 | 8.5 | 6.0 | 10.0 | 0.6 | 12.5 | 10.5 | 6.5 | 10.0 | 0.6 | 17.5 | 11.5 | 7.0 | 15.0 | 0.6 |
| 683 | 0.068 | 12.5 | 9.5 | 6.0 | 10.0 | 0.6 | 12.5 | 9.5 | 6.0 | 10.0 | 0.6 | 12.5 | 11.5 | 7.0 | 10.0 | 0.6 | 17.5 | 12.5 | 7.5 | 15.0 | 0.6 |
| 104 | 0.1 | 12.5 | 9.5 | 6.0 | 10.0 | 0.6 | 12.5 | 9.5 | 6.0 | 10.0 | 0.6 | 17.5 | 11.0 | 6.5 | 15.0 | 0.6 | 17.5 | 14.5 | 8.5 | 15.0 | 0.6 |
| 154 | 0.15 | 12.5 | 10.5 | 7.0 | 10.0 | 0.6 | 12.5 | 10.5 | 7.0 | 10.0 | 0.6 | 17.5 | 12.0 | 7.5 | 15.0 | 0.6 | 17.5 | 15.5 | 10.0 | 15.0 | 0.8 |
| 224 | 0.22 | 12.5 | 10.5 | 7.0 | 10.0 | 0.6 | 17.5 | 10.5 | 6.0 | 15.0 | 0.6 | 17.5 | 14.5 | 8.0 | 15.0 | 0.8 | 23.0 | 16.5 | 10.5 | 20.0 | 0.8 |
| 334 | 0.33 | 12.5 | 12.0 | 7.0 | 10.0 | 0.6 | 17.5 | 12.0 | 7.0 | 15.0 | 0.6 | 23.0 | 15.0 | 8.0 | 20.0 | 0.8 | 23.0 | 17.0 | 11.0 | 20.0 | 0.8 |
| 474 | 0.47 | 12.5 | 12.5 | 7.5 | 10.0 | 0.6 | 17.5 | 13.0 | 7.5 | 15.0 | 0.8 | 23.0 | 16.5 | 10.0 | 20.0 | 0.8 | 29.5 | 20.0 | 11.0 | 27.5 | 0.8 |
| 684 | 0.68 | 17.5 | 12.5 | 7.0 | 15.0 | 0.6 | 23.0 | 13.5 | 7.5 | 20.0 | 0.8 | 29.5 | 17.0 | 10.0 | 27.5 | 0.8 | 29.5 | 21.5 | 12.0 | 27.5 | 0.8 |
| 105 | 1.0 | 17.5 | 14.5 | 8.5 | 15.0 | 0.8 | 23.0 | 15.0 | 9.0 | 20.0 | 0.8 | 29.5 | 20.5 | 11.0 | 27.5 | 0.8 | 29.5 | 26.5 | 17.0 | 27.5 | 0.8 |
| 155 | 1.5 | 17.5 | 16.0 | 8.5 | 15.0 | 0.8 | 23.0 | 18.5 | 11.0 | 20.0 | 0.8 | 29.5 | 22.0 | 12.0 | 27.5 | 0.8 | 34.0 | 26.0 | 20.0 | 31.5 | 0.8 |
| 225 | 2.2 | 23.0 | 18.0 | 8.5 | 20.0 | 0.8 | 29.5 | 20.0 | 11.0 | 27.5 | 0.8 | 34.0 | 24.0 | 16.0 | 31.5 | 0.8 | | | | | |
| 335 | 3.3 | 23.0 | 20.0 | 11.0 | 20.0 | 0.8 | 29.5 | 21.0 | 13.0 | 27.5 | 0.8 | 34.0 | 26.0 | 18.0 | 31.5 | 0.8 | | | | | |
| 475 | 4.7 | 29.5 | 20.0 | 11.0 | 27.5 | 0.8 | 34.0 | 22.0 | 13.0 | 31.5 | 0.8 | | | | | | | | | | |
| 685 | 6.8 | 29.5 | 23.0 | 13.0 | 27.5 | 0.8 | 34.0 | 25.0 | 15.0 | 31.5 | 0.8 | | | | | | P | 10.0 | 15.0 | 20.0 | 27.5 |
| 106 | 10.0 | 29.5 | 24.0 | 16.0 | 27.5 | 0.8 | 34.0 | 28.0 | 18.0 | 31.5 | 0.8 | | | | | | TOL | ± 1.0 | ± 1.0 | ± 1.0 | ± 1.5 |

Please contact us for special item or size not listed.