

METALLIZED POLYPROPYLENE FILM CAPACITOR – X2

Suntan®

NON – INDUCTIVE, (UL94V-0) PLASTIC CASE SEALED WITH EPOXY RESIN

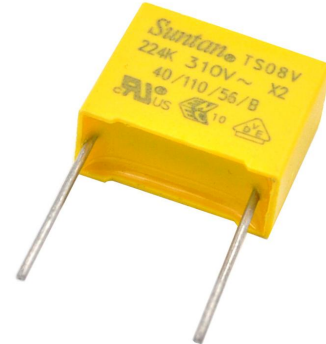
FEATURES

- Provides interference suppression with VDE & ENEC and UL safety approvals.
- Used in across-the-line, interference suppression circuit.

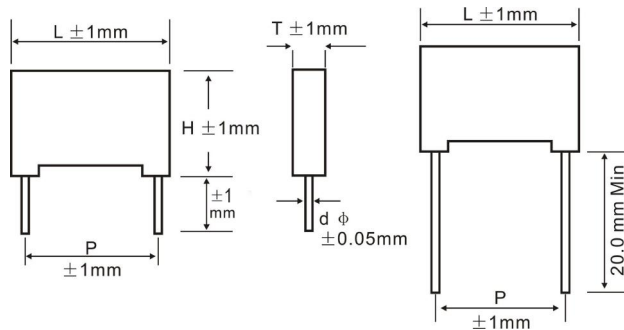
TS08V

SPECIFICATIONS

| | |
|-----------------------|--|
| VOLTAGE RATING | 310 VAC |
| CAPACITANCE RANGE | 0.0022 – 2.2 μ F |
| CAPACITANCE TOLERANCE | \pm 10%std. |
| OPERATING TEMPERATURE | -40°C to +110°C |
| VOLTAGE PROOF | 4.3U _R DC /5s |
| DISSIPATION FACTOR | 0.0010 μ F \leq CR \leq 0.47 μ F \leq 0.1% (1KHz,20°C) 0.47 μ F \leq CR \leq 1.0 μ F \leq 0.2% (1KHz,20°C) 1.0 μ F \leq CR \leq 10 μ F \leq 0.3% (1KHz,20°C) |
| INSULATION RESISTANCE | C _R \leq 0.33 μ F, I.R \geq 15,000M Ω C _R >0.33 μ F, I.R \geq 5,000S (20°C · 100V,1min) |



| | COUNTRY | APPROVAL STANDARD | APPROVAL NO. | CLASS | CAP. RANGE | RATED VOLTAGE |
|---------|---------------|-------------------------------------|--------------|-------|---------------------|------------------------|
| cUL/ UL | CANADA/ U.S.A | UL/IEC 60384-14 | E344971 | X2 | 0.001 to 10 μ F | 310/305/300/275/250VAC |
| VDE | GERMANY | DIN EN 60384-14 (VDE 0565 Teil 1-1) | 40041887 | X2 | 0.001 to 10 μ F | 310/305/300/275/250VAC |
| ENEC | EUROPE | EN 60384-14; IEC 60384-14 | 40041887 | X2 | 0.001 to 10 μ F | 310/305/300/275/250VAC |



Standard Lead Length: 20mm min

Dimensions Table for 310V AC:

(Unit : mm)

| A type | | | | | | | | | | | |
|--------|-------------|-------------|-------------|-------------|----------------------------|-------|-------------|-------------|-------------|-------------|----------------------------|
| CAP | L \pm 1.0 | T \pm 1.0 | H \pm 1.0 | P \pm 1.0 | d \varnothing \pm 0.05 | CAP | L \pm 1.0 | T \pm 1.0 | H \pm 1.0 | P \pm 1.0 | d \varnothing \pm 0.05 |
| 0.001 | 10.5 | 4 | 9 | 7.5 | 0.6 | 0.068 | 18 | 5 | 11 | 15 | 0.6 |
| 0.0022 | 10.5 | 4 | 9 | 7.5 | 0.6 | 0.082 | 18 | 6 | 12 | 15 | 0.8 |
| 0.0027 | 10.5 | 4 | 9 | 7.5 | 0.6 | 0.1 | 18 | 6 | 12 | 15 | 0.8 |
| 0.0033 | 10.5 | 4 | 9 | 7.5 | 0.6 | 0.12 | 18 | 6 | 12 | 15 | 0.8 |
| 0.0047 | 13 | 4 | 9 | 10 | 0.6 | 0.15 | 18 | 6 | 12 | 15 | 0.8 |
| 0.0056 | 13 | 4 | 9 | 10 | 0.6 | 0.15 | 26.5 | 6 | 15 | 22 | 0.8 |
| 0.0068 | 13 | 4 | 9 | 10 | 0.6 | 0.22 | 26.5 | 7 | 16.5 | 22 | 0.8 |
| 0.0082 | 13 | 4 | 9 | 10 | 0.6 | 0.27 | 26.5 | 6 | 15 | 22 | 0.8 |
| 0.01 | 18 | 5 | 11 | 15 | 0.6 | 0.33 | 26.5 | 8.5 | 17 | 22 | 0.8 |
| 0.012 | 13 | 5 | 11 | 10 | 0.6 | 0.39 | 26.5 | 8.5 | 17 | 22 | 0.8 |
| 0.015 | 13 | 5 | 11 | 10 | 0.6 | 0.47 | 26.5 | 10 | 19 | 22 | 0.8 |
| 0.018 | 13 | 5 | 11 | 10 | 0.6 | 0.47 | 31 | 9 | 18 | 27 | 0.8 |
| 0.022 | 18 | 5 | 11 | 15 | 0.6 | 0.56 | 31.5 | 11 | 19.5 | 27 | 0.8 |
| 0.027 | 13 | 5 | 11 | 10 | 0.6 | 0.68 | 31.5 | 11 | 19.5 | 27 | 0.8 |
| 0.033 | 18 | 5 | 11 | 15 | 0.6 | 0.82 | 31.5 | 11 | 19.5 | 27 | 0.8 |
| 0.039 | 13 | 5 | 11 | 10 | 0.6 | 1.0 | 31.5 | 11 | 19.5 | 27 | 0.8 |
| 0.047 | 18 | 5 | 11 | 15 | 0.6 | 1.5 | 31.5 | 11 | 20 | 27 | 0.8 |
| 0.056 | 18 | 5 | 11 | 15 | 0.6 | 2.2 | 32 | 13 | 23 | 27 | 0.8 |
| B type | | | | | | | | | | | |
| CAP | L \pm 1.0 | T \pm 1.0 | H \pm 1.0 | P \pm 1.0 | d \varnothing \pm 0.05 | CAP | L \pm 1.0 | T \pm 1.0 | H \pm 1.0 | P \pm 1.0 | d \varnothing \pm 0.05 |
| 0.01 | 13 | 5 | 11 | 10 | 0.6 | 0.22 | 18 | 8.5 | 14.5 | 15 | 0.8 |
| 0.022 | 13 | 5 | 11 | 10 | 0.6 | 0.27 | 18 | 7.5 | 13.5 | 15 | 0.8 |
| 0.033 | 13 | 5 | 11 | 10 | 0.6 | 0.33 | 18 | 9.5 | 15.5 | 15 | 0.8 |
| 0.047 | 13 | 5 | 11 | 10 | 0.6 | 0.47 | 18 | 10 | 16 | 15 | 0.8 |
| 0.056 | 13 | 5 | 11 | 10 | 0.6 | 0.56 | 26.5 | 10 | 19 | 22 | 0.8 |
| 0.068 | 13 | 5 | 11 | 10 | 0.6 | 0.68 | 18 | 11 | 19 | 15 | 0.8 |
| 0.082 | 13 | 6 | 12 | 10 | 0.6 | 0.68 | 26.5 | 10 | 19 | 22 | 0.8 |
| 0.1 | 13 | 6 | 12 | 10 | 0.6 | 0.82 | 26.5 | 10 | 19 | 22 | 0.8 |
| 0.15 | 13 | 6 | 12 | 10 | 0.6 | 1.0 | 26.5 | 10 | 19 | 22 | 0.8 |
| 0.18 | 18 | 8.5 | 14.5 | 15 | 0.8 | 1.0 | 26.5 | 10 | 19 | 22 | 0.8 |

Please contact us for special item or size not listed

Note: Specification are subject to change without notice. For more detail and update, please visit our website.