

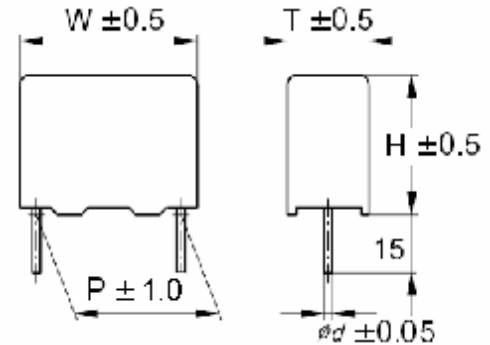
## MPX SERIES

### Metalized Polypropylene Film Capacitor (Interference Suppressors Class—X2)

MPX are constructed with metallized polypropylene film as dielectric and electrode, with copper-clad steel leads, encapsulated in plastic case with epoxy resin sealed. They provide Interference Suppression with safety approvals.

#### FEATURES:

- I Self-healing properties.
- I Flame-retardant plastic case and epoxy resin.
- I High moisture-resistance.
- I Good solder ability.



#### SPECIFICATIONS

1. Operating Temperature range : -40°C ~ +100°C
2. Capacitance Range : 0.001μF – 1μF
3. Capacitance Tolerance : ±10%(K), ±20%(M)
4. Rated Voltage : 250VAC, 275VAC, 310VAC(50Hz/60Hz)
5. Dissipation Factor : 0.1% max. at 1KHz, 25°C
6. Insulation Resistance: >30,000 MΩ(C ≤ 0.33μF). >10,000 MΩ·μF (C > 0.33μF).
7. Dielectric Strength Test: 1260VDC/1min. or 2,000VDC/1~3Sec.

Unit : mm

| RV<br>SIZE<br>CAP(μF) | 250 / 275 / 310 VAC |              |            |              |            |
|-----------------------|---------------------|--------------|------------|--------------|------------|
|                       | W                   | H            | T          | P            | dE         |
| 0.001~<br>0.0056      | 13.0<br>13.0        | 11.0<br>11.0 | 5.0<br>5.0 | 10.0<br>10.0 | 0.6<br>0.6 |
| 0.0068<br>0.0082      | 13.0<br>13.0        | 11.0<br>11.0 | 5.0<br>5.0 | 10.0<br>10.0 | 0.6<br>0.6 |
| 0.010                 | 13.0<br>18.0        | 11.0<br>11.0 | 5.0<br>5.0 | 10.0<br>15.0 | 0.6<br>0.8 |
| 0.012                 | 13.0<br>18.0        | 11.0<br>11.0 | 5.0<br>5.0 | 10.0<br>15.0 | 0.6<br>0.8 |
| 0.015                 | 13.0<br>18.0        | 11.0<br>11.0 | 5.0<br>5.0 | 10.0<br>15.0 | 0.6<br>0.8 |
| 0.018<br>0.022        | 18.0<br>13.0        | 11.0<br>11.0 | 5.0<br>5.0 | 15.0<br>10.0 | 0.8<br>0.6 |
| 0.022<br>0.027        | 18.0<br>18.0        | 11.0<br>11.0 | 5.0<br>5.0 | 15.0<br>15.0 | 0.8<br>0.8 |
| 0.033                 | 13.0<br>18.0        | 11.0<br>11.0 | 5.0<br>5.0 | 10.0<br>15.0 | 0.6<br>0.8 |
| 0.039<br>0.047        | 18.0<br>13.0        | 11.0<br>11.0 | 5.0<br>5.0 | 15.0<br>10.0 | 0.8<br>0.6 |
| 0.047<br>0.056        | 18.0<br>18.0        | 11.0<br>11.0 | 5.0<br>5.0 | 15.0<br>15.0 | 0.8<br>0.8 |
| 0.068                 | 13.0<br>18.0        | 11.0<br>11.0 | 5.0<br>5.0 | 10.0<br>15.0 | 0.6<br>0.8 |

| RV<br>SIZE<br>CAP(μF) | 250 / 275 / 310 VAC |              |              |              |            |
|-----------------------|---------------------|--------------|--------------|--------------|------------|
|                       | W                   | H            | T            | P            | dE         |
| 0.082<br>0.10         | 18.0<br>13.0        | 12.0<br>12.0 | 6.0<br>6.0   | 15.0<br>10.0 | 0.8<br>0.6 |
| 0.10<br>0.12          | 18.0<br>18.0        | 12.0<br>12.0 | 6.0<br>6.0   | 15.0<br>15.0 | 0.8<br>0.8 |
| 0.15<br>0.22          | 18.0<br>18.0        | 14.5<br>14.5 | 8.5<br>8.5   | 15.0<br>15.0 | 0.8<br>0.8 |
| 0.22<br>0.27          | 26.5<br>18.0        | 16.5<br>16.0 | 7.0<br>10.0  | 22.5<br>15.0 | 0.8<br>0.8 |
| 0.33                  | 18.0<br>26.5        | 16.0<br>17.0 | 10.0<br>8.5  | 15.0<br>22.5 | 0.8<br>0.8 |
| 0.39<br>0.47          | 26.5<br>18.0        | 19.0<br>16.0 | 10.0<br>10.0 | 22.5<br>15.0 | 0.8<br>0.8 |
| 0.47                  | 26.5<br>32.0        | 19.0<br>20.0 | 10.0<br>11.0 | 22.5<br>27.5 | 0.8<br>0.8 |
| 0.56<br>0.68          | 26.5<br>26.5        | 19.0<br>19.0 | 10.0<br>10.0 | 22.5<br>22.5 | 0.8<br>0.8 |
| 0.68<br>0.82          | 32.0<br>26.5        | 20.0<br>21.5 | 11.0<br>12.5 | 27.5<br>22.5 | 0.8<br>0.8 |
| 1.0                   | 26.5<br>32.0        | 21.5<br>22.0 | 12.5<br>13.0 | 22.5<br>27.5 | 0.8<br>0.8 |
|                       |                     |              |              |              |            |