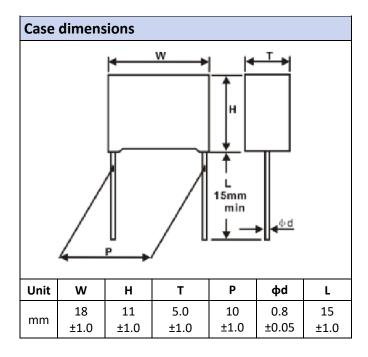


## Metallized Polypropylene X2 Film Capacitor

| Primary characteristics |       |      |  |  |  |  |  |
|-------------------------|-------|------|--|--|--|--|--|
| Parameter               | Value | Unit |  |  |  |  |  |
| Capacitance             | 100   | nF   |  |  |  |  |  |
| Rated voltage           | 310   | VAC  |  |  |  |  |  |

## **Features**

- Pb-free and **RoHS** compliant
- Plastic case according to UL94V-0
- Good self-healing effect



| Part numbering system |             |   |   |                      |    |                         |            |           |                |                               |         |      |
|-----------------------|-------------|---|---|----------------------|----|-------------------------|------------|-----------|----------------|-------------------------------|---------|------|
| AFC                   | X2          | 104   |   | K 1                  |    | 06P                     |            | 15        | L              | В                             |         |      |
| Series<br>code        | Type:<br>X2 | Capacitance<br>10pF x 10 <sup>4</sup> =<br>10nF |   | pacitane<br>blerance | vo | ated<br>Itage<br>arking | Lead width |           | Lead<br>length | Lead configuration            | Packing |      |
|                       |             |   | J | ±5%                  | 1  | 310V                    | 01P        | 2.5mm     | 15mm           | See: lead configuration below | В       | Bulk |
|                       |             |   | К | ±10%                 |    |                         | 02P        | 5.0mm     |                |                               | Т       | Таре |
|                       |             |   | М | ±20%                 |    |                         | 03P        | 7.5mm     |                |                               |         |      |
|                       |             |   |   |                      | -  |                         | nP         | n x 2.5mm | ]              |                               |         |      |

| Lead configuration |   |       |   |   |   |   |   |   |   |   |   |   |   |   |     |       |
|--------------------|---|-------|---|---|---|---|---|---|---|---|---|---|---|---|-----|-------|
| Lead<br>type       | П | (je)- |   | П | 8 | R | Я | Я | Å | 8 | Ŭ |   |   |   | U U | ש ט ש |
| Code               | L | М     | Ν | В | С | D | E | F | G | н | К | Т | U | w | R   | S     |



| Specifications                         |          |             |      |  |  |  |  |  |
|--|----------|-------------|------|--|--|--|--|--|
| Parameter                              |          | Value       | Unit |  |  |  |  |  |
| Operating temperature range            |          | -40 ~ 110   | °C   |  |  |  |  |  |
| Climatic category                      |          | 40/110/56/B |      |  |  |  |  |  |
| Standard capacitance (C <sub>R</sub> ) |          | 100         | nF   |  |  |  |  |  |
| Capacitance tolerance                  |          | ±10         | %    |  |  |  |  |  |
| Rated voltage                          |          | 310         | VAC  |  |  |  |  |  |
| Insulation resistance                  | ≤0.33µF  | ≥15000      | MO   |  |  |  |  |  |
| @60±5 sec.; @100VDC                    | >0.33 μF | ≥5000       | MΩ   |  |  |  |  |  |

| Ordering information |                 |                   |                |  |  |  |  |  |  |  |
|----------------------|-----------------|-------------------|----------------|--|--|--|--|--|--|--|
| Part Number          | Package         | Shipping Quantity | Box dimensions |  |  |  |  |  |  |  |
| AFCX2 104K106P15LB   | 18 x 11 x 5.0mm | 500 pcs/polybag   |                |  |  |  |  |  |  |  |

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