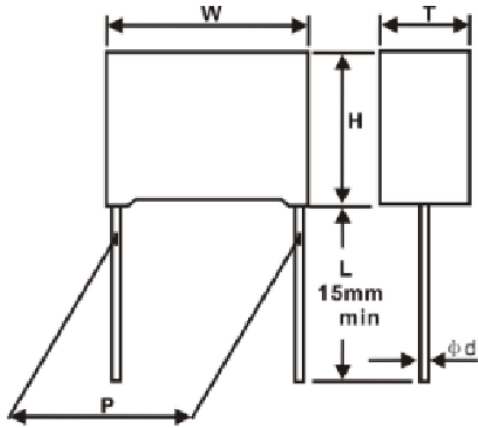


Metalized Polypropylene X1 Film Capacitor

















| Primary characteristics | | |
|-------------------------|-------|------|
| Parameter | Value | Unit |
| Capacitance | 470 | nF |
| Rated voltage | 275 | VAC |

Features

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

| Case dimensions | | | | | | |
|--|-----------------|-----------------|-----------------|-----------------|-------------------|------------|
|  | | | | | | |
| Unit | W | H | T | P | ϕd | L |
| mm | 19 ± 1.0 | 18 ± 1.0 | 11 ± 1.0 | 15 ± 1.0 | 0.8 ± 0.05 | 5.0 MIN |

| Part numbering system | | | | | | | | | | | | | |
|-----------------------|----------|---|-----------------------|------------|-----------------------|------|------------|-------------------------|-------------|---|--|---------|------|
| AFC | X1 | 474 | K | | 7 | | 06P | | 05 | L | | B | |
| Series code | Type: X1 | Capacitance $47\text{pF} \times 10^4 = 470\text{nF}$ | Capacitance tolerance | | Rated voltage marking | | Lead width | | Lead length | Lead configuration | | Packing | |
| | | | J | $\pm 5\%$ | 7 | 275V | 01P | 2.5mm | 5.0mm | See: lead configuration below | | B | Bulk |
| | | | K | $\pm 10\%$ | | | 02P | 5.0mm | | | | T | Tape |
| | | | M | $\pm 20\%$ | | | 03P | 7.5mm | | | | | |
| | | | | | | | nP | $n \times 2.5\text{mm}$ | | | | | |

| Lead configuration | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead type |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Code | L | M | N | B | C | D | E | F | G | H | K | T | U | W | R | S |

| Specifications | | |
|--|-------------|--------|
| Parameter | Value | Unit |
| Operating temperature range | -40 ~ 110 | °C |
| Climatic category | 40/110/56/B | |
| Standard capacitance (C _R) | 470 | nF |
| Capacitance tolerance | ±10 | % |
| Rated voltage | 275 | VAC |
| Insulation resistance @60±5 sec.; @100VDC | ≤0.33μF | ≥15000 |
| | >0.33 μF | ≥5000 |
| | | MΩ |

| Ordering information | | | |
|----------------------|----------------|-------------------|----------------|
| Part Number | Package | Shipping Quantity | Box dimensions |
| AFCX1 474K706P05LB | 19 x 18 x 11mm | 1000 pcs/polybag | --- |

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