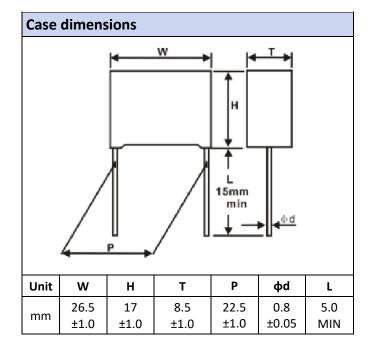


Metallized Polypropylene X2 Film Capacitor

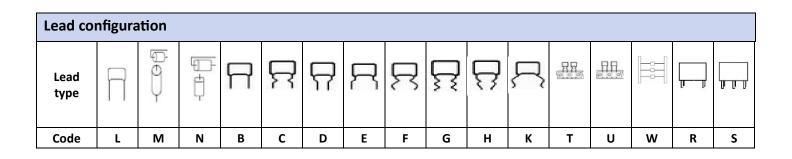
| Primary characteristics | | | | | |
|-------------------------|-------|------|--|--|--|
| Parameter | Value | Unit | | | |
| Capacitance | 680 | nF | | | |
| Rated voltage | 310 | VAC | | | |

Features

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



| Part numbering system | | | | | | | | | | | | |
|-----------------------|-------------|--|---|----------------------|----|--------------------------|------------|-----------|----------------|--------------------------------------|---------|------|
| AFC | X2 | 684 | | К | 1 | | 09P | | 05 | L | В | |
| Series code | Type: X2 | Capacitance 68pF x 10 ⁴ = 680nF | | pacitane olerance | vo | ated Iltage arking | Lead width | | Lead length | Lead configuration | Packing | |
| | | | J | ±5% | 1 | 310V | 01P | 2.5mm | 5.0mm | See: <u>lead configuration</u> below | В | Bulk |
| | | | K | ±10% | | • | 02P | 5.0mm | | | Т | Tape |
| | | | М | ±20% | | | 03P | 7.5mm | | | | |
| | | | | | • | | nP | n x 2.5mm | | | | |



AFCX2 684K109P05LB

| Specifications | | | | | | |
|--|----------|-----------|------|--|--|--|
| Parameter | | Value | Unit | | | |
| Operating temperature range | ge | -40 ~ 110 | °C | | | |
| Climatic category | | 40/110/56 | | | | |
| Standard capacitance (C _R) | | 680 | nF | | | |
| Capacitance tolerance | | ±10 | % | | | |
| Rated voltage | | 310 | VAC | | | |
| Insulation resistance | ≤0.33µF | ≥15000 | ΜΩ | | | |
| @60±5 sec.; @100VDC | >0.33 μF | ≥5000 | | | | |

| Ordering information | | | | | | | | |
|----------------------|-------------------|---------------------------------|----------------|--|--|--|--|--|
| Part Number | Package | Shipping Quantity | Box dimensions | | | | | |
| AFCX2 684K109P05LB | 26.5 x 17 x 8.5mm | 500 pcs/polybag 2000 pcs/box | | | | | | |

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