



## Film Capacitors

### EMI Suppression Capacitor (MKP)

<b>Series/Type:</b>	<b>B3292#C/D MKP X2</b>
<b>Ordering code:</b>	<b>B32923C3824K</b>
<b>Date:</b>	2012-04-03
<b>Version:</b>	00

**Delivery mode**

- Bulk (untaped)

**Applications**

- X2 class for interference suppression
- “Across the Line” applications

**Construction**

- Dielectric: Metallized polypropylene
- Plastic case (UL 94 V-0)
- Epoxy resin sealing (UL 94 V-0)

**Features**

- Very Small dimensions
- Self-healing properties

**Terminals**

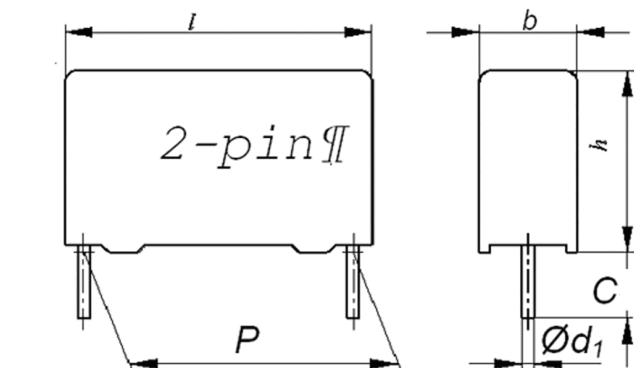
- Parallel wire leads, tinned

**Dimensions**

- Width (b): 10.50 mm
- Height (h): 18.50 mm
- Length (l): 26.50 mm
- Lead spacing (p):  $22.5 \pm 0.4$  mm
- Lead length (c):  $6^{-1}$  mm
- Lead diameter ( $d_1$ ): 0.8 mm

**Marking**

- Manufacturer's logo, lot number
- Date code, rated capacitance, rated tolerance, rated voltage
- Series number, sub-class, dielectric code, climatic category
- Safety approvals (IEC, UL)



Dimensions in mm

**Temperature range**

- Climatic category (IEC 60068-1) 40 / 105 / 56
- Maximum operating temperature  $T_{\max}$  +110° C

**Electrical characteristics**

- Rated capacitance C 0.82  $\mu$ F
  - Capacitance tolerance  $\pm 10$  %
  - Rated AC Voltage 305  $V_{AC}$
  - Rated DC Voltage 630  $V_{DC}$
  - Pulse Handling Capability (dv/dt) 170V/ $\mu$ s
  - Pulse characteristic  $K_0$  146200  $V^2/\mu$ s
  - Passive flammability category B
  - Dissipation factor (in  $10^{-3}$ ) 1 (@1kHz)
- 
- Time constant  $\zeta$  at 20° C, rel. humidity <65% (minimum as delivered) 30 000 s

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