

## Technical Data Sheet

### Metallized Polypropylene Film Capacitors – MKP

### Powder Dipped

**Product Code:** B32612-L7103-K008

**Customer**

**Customer Ref**

#### Construction

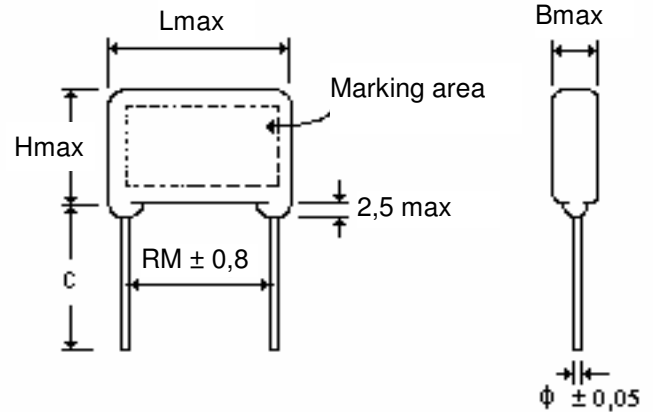
- Dielectric: polypropylene
- Wound capacitor technology
- Epoxy resin coating (UL 94 V-0)
- RoHS compatible

#### Terminals

- Radial, straight version, tinned

#### Marking

- EPCOS logo
- Product type (coded)
- Manufacturing date (year / month coded)
- Rated capacitance and tolerance (coded)
- Rated dc voltage



#### Delivery Mode

- 1000 pieces (bulk)

#### Dimensions

- Lead spacing (RM): 15.0 ± 0.8 mm
- Width (b<sub>max</sub>): 6.5 mm
- Height (h<sub>max</sub>): 11.5 mm
- Length (l<sub>max</sub>): 18.0 mm
- Lead length (c): 17 ± 3 mm
- Lead diameter (φ): 0.8 ± 0.05 mm

#### Electrical Characteristics

Rated capacitance C:	10 nF
Capacitance tolerance:	± 10 %
Rated DC voltage U <sub>dc</sub> :	1250 Vdc
Rated AC voltage U <sub>ac</sub> :	500 Vac
Rated Peak-to-peak voltage U <sub>pp</sub> :	1250 Vpp
Climatic category according to IEC 68-1	55/100/56
Lower category temperature T <sub>min</sub> :	-55 °C
Upper category temperature T <sub>max</sub> :	+100 °C
Pulse handling capability (dV/dt):	≤ 800 V/μs
Pulse characteristic K <sub>0</sub>	≤ 2 000 000 V <sup>2</sup> /μs
Loss factor (tang δ) @ 20°C, 10 kHz:	≤ 0.8x10 <sup>-3</sup>
Insulation Resistance R <sub>is</sub> at 20°C, 100V	
rel. Humidity ≤ 65%	≥ 100 GΩ
Voltage derating at high temperature (> 85°C)	1.25%/°C

Issued by: Edmundo Werner Neto, FK EDC  
Ed.: 1

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**Notes:** Please take all additional data not mentioned above from our data book

English Version:

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