

Technical Data Sheet

Metallized Polypropylene Film Capacitors – MKP

Powder Dipped

Product Code: B32611-L7822-K008

Customer

Customer Ref

Construction

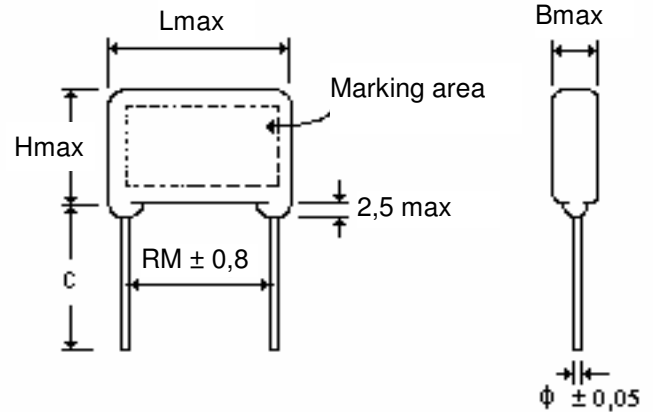
- Dielectric: polypropylene
- Wound capacitor technology
- Epoxy resin coating (UL 94 V-0)
- RoHS compatible

Terminals

- Radial, straight version, tinned

Marking

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



Delivery Mode

- 1000 pieces (bulk)

Dimensions

- Lead spacing (RM): 10.0 ± 0.8 mm
- Width (b_{max}): 8.0 mm
- Height (h_{max}): 12.5 mm
- Length (l_{max}): 13.0 mm
- Lead length (c): 17 ± 3 mm
- Lead diameter (ϕ): 0.8 ± 0.05 mm

Electrical Characteristics

Rated capacitance C:	8.2 nF
Capacitance tolerance:	± 10 %
Rated DC voltage U_{dc} :	1250 Vdc
Rated AC voltage U_{ac} :	500 Vac
Rated Peak-to-peak voltage U_{pp} :	1250 Vpp
Climatic category according to IEC 68-1	55/100/56
Lower category temperature T_{min} :	-55 °C
Upper category temperature T_{max} :	+100 °C
Pulse handling capability (dV/dt):	≤ 1000 V/μs
Pulse characteristic K_0	≤ 2 500 000 V ² /μs
Loss factor (tang δ) @ 20°C, 10 kHz:	≤ 0.8x10 ⁻³
Insulation Resistance R_{is} 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
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Notes: Please take all additional data not mentioned above from our data book

English Version:

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