

Technical Data Sheet

Metallized Polypropylene Film Capacitors - MFP

Plastic Case

Product Code: B32686-S2473-+500

Customer

Customer Ref

- Construction**
- Dielectric: polypropylene
 - Film metallized on one side and metal foils internally connected in series
 - Wound capacitor technology
 - Plastic case (UL 94 V-0)
 - Epoxy resin sealing

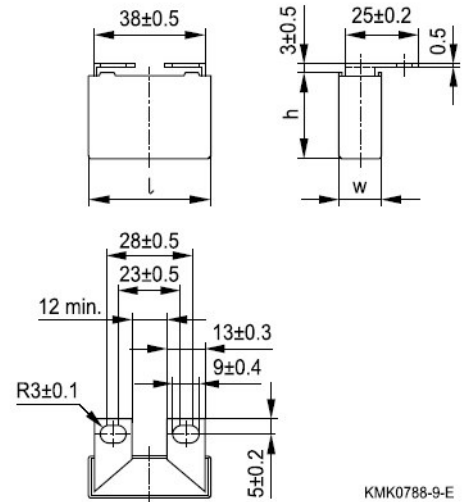
- Terminals**
- Flat terminals, tinned

- Marking**
- EPCOS logo
 - Rated capacitance
 - Capacitance tolerance (code letter)
 - Date of manufacture (code)

- Delivery Mode**
- Bulk

- Dimensions**
- Width (B_{max}): 16,0 mm
 - Height (H_{max}): 28,5 mm
 - Length (L_{max}): 42,0 mm

- Electrical Characteristics**
- | | |
|--|--|
| Rated capacitance C: | 47 nF |
| Capacitance tolerance code (14th digit): | J = $\pm 5\%$, K = $\pm 10\%$ |
| Rated DC voltage U_N : | 2000 Vdc |
| Rated AC voltage U_{RMS} : | 500 Vac |
| Temperature Range (Case) | -55 to +100 °C |
| Climatic category according to IEC 68-1 | 55/100/56 |
| Test voltage terminal to terminal: | 2,0 U_N for 2s |
| Insulation resistance terminal to terminal | 100 G Ω |
| Loss factor (tang δ) @ 20°C: | $\leq 1,0 \times 10^{-3}$ (100 KHz) |
| Pulse handling capability: | ≤ 4500 V/ μ s |
| Pulse characteristic K_0 : | $\leq 18\,000\,000$ V ² / μ s |



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

Date: December, 08th/2006

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

© EPCOS AG 2001. All Rights Reserved. Reproduction, publication and dissemination of this data sheet, enclosures hereto and the information contained therein without EPCOS' prior express consent is prohibited.

The information contained in this data sheet describes the type of component and shall not be considered as guaranteed characteristics. Purchase orders are subject to the General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry recommended by the ZVEI (German Electrical and Electronic Manufacturers' Association), unless otherwise agreed.