

524-025



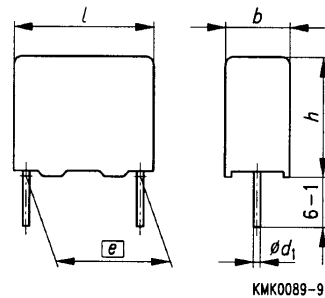
Electronic Parts and Components

# Technical Data Sheet

**Part Number:** B81121-C-B-100

**Construction**

- Dielectric: polyester (MKP)
- Internal series connection
- Plastic case (UL 94 V-0)
- Epoxy resin sealing, flame-retardent



**Terminals**

- Parallel lead wires, tinned
- Taped in reel with taping height H = 18.5mm

**Marking**

- EPCOS logo and lot number
- Date code
- Rated capacitance (coded)
- Capacitance tolerance (code letter)
- Rated ac voltage, type number,
- Interference suppression sub-class (Y2)
- Style (MKP), climatic category
- Awarded marks of conformity

**Delivery mode**

- Bulk (untaped)
- Taped (Ammo pack or reel)

**Dimensions**

- Lead spacing (e): ..... 27.5 mm
- Width ( $b_{max}$ ): ..... 7,0mm
- Height ( $h_{max}$ ): ..... 27.5mm
- Length ( $l_{max}$ ): ..... 31.5mm
- Lead length ( $c_{min}$ ): ..... 6-1mm
- Lead diameter( $\phi$ ): ..... 0,8mm

**Electrical Characteristics**

- Rated capacitance C: ..... 0.33 UF
- Capacitance tolerance: .....  $\pm 20 \%$
- Rated voltage Ur: ..... 440 V<sub>ac</sub>
- Climatic category according to IEC 68-1: ..... 40/100/21
- Lower category temperature T<sub>min</sub>: ..... -40 °C
- Upper category temperature T<sub>max</sub>: ..... + 100 °C
- Permissible continuous dc voltage:..... 1000 Vdc
- Dissipation factor at 20°C

1 KHz  $\tan \delta \leq 1 \times 10^{-3}$   
 100 KHz  $\tan \delta \leq 5 \times 10^{-3}$

Insulation Resistance R<sub>is</sub> at 20°C,  
 rel. humidity  $\leq 65\%$ : ..... 30.000 M Ohm

Done by:G. Weidhas, EPCOS FK PM  
 Revision by: 1/00

Customer:

Date: October 23, 2000