

**Y2 capacitors**

**Rated voltage 250 Vac, 50 to 1000 Hz**

**Construction**

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

**Features**

- The capacitors meet the requirements of IEC 384-14, 2nd edition
- Self-healing properties

**Terminals**

- Parallel wire leads, tinned
- Two standard lead lengths available:  
6 mm und 26 mm  
Other lead lengths available upon request

**Marking**

Manufacturer, lot number, date of manufacture (year/week), 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**

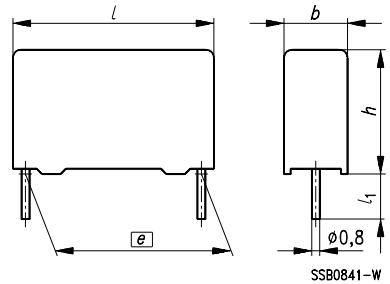
Bulk (untaped)

Taped (Ammo pack or reel)

For notes on taping [see page 439](#).

**Approvals**

Marks of conformity	Standards
	UL 1414 (125 Vac)
	CSA C22.2 No. 0; 8 (250 Vac)
	EN 132400 / IEC 384-14, 2nd edition



Lead length $l_1$ mm	6 -1	26 ± 2
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**Technical data**

Permissible continuous ac voltage	500 V (50 to 1000 Hz)	
Permissible continuous dc voltage	2000 V	
DC test voltage	2700 V, 2 s (layer/layer)	
Insulation resistance $R_{is}$ or time constant $\tau = C_R \cdot R_{is}$ at 20 °C, rel. humidity $\leq 65\%$ (minimum as-delivered values)	$C_R \leq 0,33 \mu\text{F}$ 30 000 M $\Omega$	$C_R > 0,33 \mu\text{F}$ 10 000 s
Capacitance tolerance	$\pm 10\%$ (closer tolerances upon request)	
Climatic category	In accordance with IEC 68-1 40/085/21 (-40 °C/+085 °C/21 days damp heat test)	

**Ordering codes and packing units**

Lead spacing [e] $\pm 0,4$ mm	$C_R$	Maximum dimensions $b \times h \times l$ (mm)	Ordering code <sup>1)</sup>	Packing units (pcs)			
				Ammo pack	Reel	Untaped Lead length 6 mm   26 mm	
15	2,2 nF	6,0 × 11,0 × 18,0	B81121-C-*141	1000	1100	1000	1000
	3,3 nF	7,0 × 12,5 × 18,0	B81121-C-*142	840	900	1000	1000
	4,7 nF	8,5 × 14,5 × 18,0	B81121-C-*143	690	700	500	500
22,5	6,8 nF	6,0 × 15,0 × 26,5	B81121-C-*144	690	700	720	500
	10 nF	7,0 × 16,0 × 26,5	B81121-C-*145	590	600	630	500
	15 nF	8,5 × 16,5 × 26,5	B81121-C-*146	500	500	510	500
	22 nF	10,5 × 18,5 × 26,5	B81121-C-*147	400	400	540	500
	27 nF	10,5 × 20,5 × 26,5	B81121-C-*148	400	400	540	400
27,5	33 nF	11,0 × 21,0 × 31,5	B81121-C-*149	—	350	320	250

1) Replace the \* by the code letter for the required lead length or packing.  
 B = lead length 6 mm (untaped)  
 C = lead length 26 mm (untaped)  
 P = taped, Ammo pack  
 H = taped, reel