

X2 capacitors, standard version
Rated voltage 250 Vac, 50 to 400 Hz

Construction

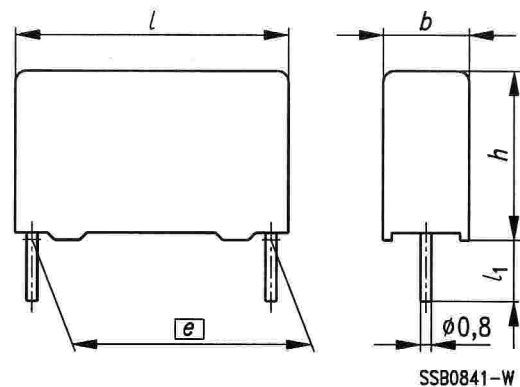
- Dielectric: polypropylene (MKP)
- Plastic case (UL 94 V-0)
- Epoxy resin sealing, flame-retardant

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 and 26 mm
 Other lead lengths available upon request



Lead length l_1 mm	6 -1	26 ± 2
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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 (X2), 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 1283 EN 132400 / IEC 384-14, 2nd edition

Technical data

Permissible continuous ac voltage	250 V (50 to 400 Hz)	
Permissible continuous dc voltage	630 V	
DC test voltage	1400 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 Ω	$C_R > 0,33 \mu\text{F}$ 10 000 s
Capacitance tolerance	$\pm 10\%$ (closer tolerances upon request)	
Climatic category	In accordance with IEC 68-1 40/085/21 (-40 °C/+85 °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 ¹⁾	Packing units (pcs)			
				Ammo pack	Reel	Untaped Lead length 6 mm 26 mm	
15	22 nF	5,0 × 10,5 × 18,0	B81121-C-*121	1180	1300	1000	1000
	33 nF	5,0 × 10,5 × 18,0	B81121-C-*122	1180	1300	1000	1000
	47 nF	7,0 × 12,5 × 18,0	B81121-C-*123	840	900	1000	1000
	68 nF	8,5 × 14,5 × 18,0	B81121-C-*124	690	700	500	500
	0,10 μF	8,5 × 14,5 × 18,0	B81121-C-*125	690	700	500	500
22,5	0,15 μF	8,5 × 16,5 × 26,5	B81121-C-*126	500	500	510	500
	0,22 μF	10,5 × 16,5 × 26,5	B81121-C-*127	400	400	540	500
	0,33 μF	10,5 × 20,5 × 26,5	B81121-C-*128	400	400	540	400
27,5	0,47 μF	11,0 × 21,0 × 31,5	B81121-C-*129	–	350	320	250
	0,68 μF	13,5 × 23,0 × 31,5	B81121-C-*130	–	250	260	250
	1,0 μF	18,0 × 27,5 × 31,5	B81121-C-*132	–	–	200	200

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