

158-239
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EMI Suppression Capacitors

X2 capacitors with very small dimensions; self-healing

Dielectric: polypropylene (MKP)

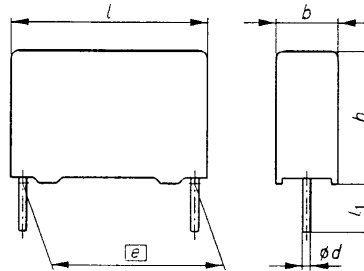
Plastic case (UL 94 V-0)

Epoxy resin sealing (flame-retardant)

Rated voltage V_R 275 Vac, 50/60 Hz

Test voltage V_P 2121 Vdc, 2 s

IEC climatic category 40/100/21



KMK0440-1

Dimensions in mm

Lead spacing e	l	$\varnothing d$	l_1
$e \pm 0,4$			
10	13,0	0,6	6-1
15	18,0	0,8	6-1
22,5	26,5	0,8	6-1
27,5	31,5	0,8	6-1

Approvals: (EN 132400/IEC 384-14, edition 2) c-

C_R	Dimensions (max.) $b \times h \times l$	Ordering code	Min. qty.	Max. qty.					
μF	mm								
$V_R = 275 \text{ Vac}$		Lead spacing $e = 10 \text{ mm}$		Capacitance tolerance $\pm 20 \%$					
▼ 10 nF	4,0 × 9,0 × 13,0	B81130-C1103-M	1000	8000					
▼ 15 nF	4,0 × 9,0 × 13,0	B81130-C1153-M	1000	8000					
▼ 22 nF	5,0 × 11,0 × 13,0	B81130-C1223-M	1000	8000					
▼ 33 nF	5,0 × 11,0 × 13,0	B81130-C1333-M	1000	8000					
▼ 33 nF	6,0 × 12,0 × 13,0	B81130-A1333-M	1000	8000					
▼ 47 nF	6,0 × 12,0 × 13,0	B81130-C1473-M	1000	8000					
$V_R = 275 \text{ Vc}$		Lead spacing $e = 15 \text{ mm}$		Capacitance tolerance $\pm 20 \%$					
▼ 22 nF	5,0 × 10,5 × 18,0	B81130-B1223-M	1000	8000					
▼ 33 nF	5,0 × 10,5 × 18,0	B81130-B1333-M	1000	8000					
▼ 47 nF	5,0 × 10,5 × 18,0	B81130-B1473-M	1000	8000					
▼ 68 nF	6,0 × 11,0 × 18,0	B81130-C1683-M	1000	8000					
▼ 0,10	6,0 × 11,0 × 18,0	B81130-C1104-M	1000	8000					
▼ 0,10	7,0 × 12,5 × 18,0	B81130-A1104-M	1000	8000					
▼ 0,15	8,5 × 14,5 × 18,0	B81130-C1154-M	500	4000					
▼ 0,22	9,0 × 17,5 × 18,0	B81130-C1224-M	500	4000					

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C_R	Dimensions (max.) $b \times h \times l$	Ordering code	Min. qty.	Max. qty.					
μF	mm								
$V_R = 275 \text{ Vac}$		Lead spacing $\square e = 22,5 \text{ mm}$			Capacitance tolerance $\pm 20 \%$				
▼ 0,15	6,0 × 15,0 × 26,5	B81130-B1154-M	720	5760					
▼ 0,22	7,0 × 16,0 × 26,5	B81130-B1224-M	630	5040					
▼ 0,33	8,5 × 16,5 × 26,5	B81130-C1334-M	510	4080					
▼ 0,47	10,5 × 16,5 × 26,5	B81130-C1474-M	540	4320					
▼ 0,47	10,5 × 18,5 × 26,5	B81130-A1474-M	540	4320					
▼ 0,68	11,0 × 20,5 × 26,5	B81130-C1684-M	510	4080					
$V_R = 275 \text{ Vac}$		Lead spacing $\square e = 27,5 \text{ mm}$			Capacitance tolerance $\pm 20 \%$				
▼ 0,47	11,0 × 21,0 × 31,5	B81130-B1474-M	320	2560					
▼ 0,68	11,0 × 21,0 × 31,5	B81130-B1684-M	320	2560					
▼ 1,0	12,5 × 21,5 × 31,5	B81130-C1105-M	280	2240					
▼ 1,0	13,5 × 23,0 × 31,5	B81130-A1105-M	260	2080					
▼ 1,5	15,0 × 24,5 × 31,5	B81130-C1155-M	240	1920					
▼ 1,5	18,0 × 27,5 × 31,5	B81130-A1155-M	200	800					
▼ 2,2	18,0 × 27,5 × 31,5	B81130-C1225-M	200	800					
▼ 2,2	19,0 × 30,0 × 31,5	B81130-A1225-M	180	1440					

These capacitors are also available as lab assortment; for details refer to page 339.