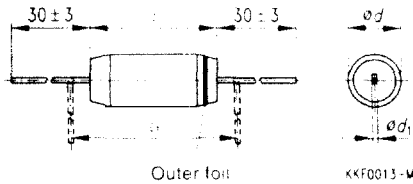


High-Precision Capacitors (KP)

Polypropylene capacitor; general-purpose grade

For RF and IF filters, timing and resonant circuits
Tape packaging in acc. with IEC 286-1, AMMO pack

Rated dc voltage V_R	160 V	630 V
AC voltage V_{ac}	65 V	210 V
IEC climatic category	40/085/21	
Dissipation factor $\tan \delta$	10 kHz	$(0,2 \dots 0,4) \cdot 10^{-3}$
	100 kHz	$(0,3 \dots 0,5) \cdot 10^{-3}$
Temperature coefficient α_c (for $C_R \geq 100$ pF)	$-(100 \dots 300) \cdot 10^{-6}/K$	



Dimensions in mm

Length l_{-2}	Length $l_{1 \text{ min}}$	$\varnothing d_1$
11,0	15,0	0,6
16,5	20,0	0,8
21,5	25,0	0,8

Marking: Design (KP)
(black) Rated capacitance (pF)
Capacitance tolerance (code letter)
Rated dc voltage (color band)
Outer foil: Color band

C_R pF	Dimensions (max.) $d \times l$ mm	Ordering code	Min. qty.	Max. qty.	Price per 100 in DM									
					Min. qty. +	500 +	1000 +	2500 +	5000 +					
630 Vdc					Color band: black					Capacitance tolerance $\pm 2,5 \%$				
47	4,0 × 11	B33063-B6470-H7	250	5000	70,60	50,40	44,10	40,30	36,50					
56	4,5 × 11	B33063-B6560-H7	250	5000	70,60	50,40	44,10	40,30	36,50					
68	4,5 × 11	B33063-B6680-H7	250	5000	70,60	50,40	44,10	40,30	36,50					
82	4,5 × 11	B33063-B6820-H7	250	5000	70,60	50,40	44,10	40,30	36,50					
100	4,5 × 11	B33063-B6101-H7	250	5000	70,60	50,40	44,10	40,30	36,50					
120	4,5 × 11	B33063-B6121-H7	250	5000	63,60	45,40	39,70	36,30	32,90					
150	4,5 × 11	B33063-B6151-H7	250	5000	63,60	45,40	39,70	36,30	32,90					
180	4,5 × 11	B33063-B6181-H7	250	5000	63,60	45,40	39,70	36,30	32,90					
220	4,5 × 11	B33063-B6221-H7	250	5000	63,60	45,40	39,70	36,30	32,90					
270	4,5 × 11	B33063-B6271-H7	250	5000	63,60	45,40	39,70	36,30	32,90					
330	4,5 × 11	B33063-B6331-H7	250	5000	63,60	45,40	39,70	36,30	32,90					
470	5,2 × 11	B33063-B6471-H7	250	5000	65,20	46,60	40,80	37,30	33,80					
560	6,0 × 11	B33063-B6561-H7	250	5000	65,20	46,60	40,80	37,30	33,80					
680	6,0 × 11	B33063-B6681-H7	250	5000	65,20	46,60	40,80	37,30	33,80					
820	6,0 × 11	B33063-B6821-H7	250	5000	65,20	46,60	40,80	37,30	33,80					

High-Precision Capacitors (KP)

C _n pF	Dimensions (max.) d × l mm	Ordering code	Min qty	Max qty	Price per 100 in DM				
					Min qty	500 +	1000 -	2500 +	5000 +
630 Vdc		Color band: black			Capacitance tolerance ± 2,5 %				
1000	6,0 × 11	B33063-B6102-H7	250	5000	65,20	46,60	40,80	37,30	33,90
1200	6,8 × 11	B33063-B6122-H7	250	5000	67,80	48,40	42,40	38,70	35,10
1500	6,8 × 11	B33063-B6152-H7	250	5000	67,80	48,40	42,40	38,70	35,10
1800	7,9 × 11	B33063-B6182-H7	250	5000	72,50	51,80	45,30	41,40	37,60
2200	7,9 × 11	B33063-B6222-H7	250	5000	72,50	51,80	45,30	41,40	37,60
3300	7,6 × 16,5	B33063-B6332-H7	250	5000	72,50	51,80	45,30	41,40	37,60
4700	9,8 × 16,5	B33063-B6472-H7	250	5000	76,40	54,60	47,80	43,70	39,60
5600	9,8 × 16,5	B33063-B6562-H7	250	5000	76,40	54,60	47,80	43,70	39,60
6800	10,4 × 16,5	B33063-B6682-H7	250	5000	76,40	54,60	47,80	43,70	39,60
10000	10,4 × 21,5	B33063-B6103-H7	250	5000	248,—	177,—	155,—	142,—	128,—
22000	14,5 × 21,5	B33063-B6223-H7	250	5000	310,—	221,—	194,—	177,—	161,—
160 Vdc		Color band: red			Capacitance tolerance ± 2,5 %				
390	4,5 × 11	B33063-B1391-H7	250	5000	59,60		42,60	37,30	34,10
470	4,5 × 11	B33063-B1471-H7	250	5000	59,60		42,60	37,30	34,10
560	4,5 × 11	B33063-B1561-H7	250	5000	59,60		42,60	37,30	34,10
680	4,5 × 11	B33063-B1681-H7	250	5000	59,60		42,60	37,30	34,10
820	4,5 × 11	B33063-B1821-H7	250	5000	59,60		42,60	37,30	34,10
1000	4,5 × 11	B33063-B1102-H7	250	5000	59,60		42,60	37,30	34,10
1500	5,2 × 11	B33063-B1152-H7	250	5000	61,30		43,80	38,30	35,—
2200	5,2 × 11	B33063-B1222-H7	250	5000	61,30		43,80	38,30	35,—
2700	5,8 × 11	B33063-B1272-H7	250	5000	61,30		43,80	38,30	35,—
3300	5,8 × 11	B33063-B1332-H7	250	5000	61,30		43,80	38,30	35,—
3900	6,6 × 11	B33063-B1392-H7	250	5000	61,30		43,80	38,30	35,—
4700	6,6 × 11	B33063-B1472-H7	250	5000	61,30		43,80	38,30	35,—
6800	8,0 × 11	B33063-B1682-H7	250	5000	73,60		52,60	46,—	42,10
10000	8,7 × 11	B33063-B1103-H7	250	5000	76,40		54,60	47,80	43,70
15000	8,0 × 16,5	B33063-B1153-H7	250	5000	82,90		59,20	51,80	47,40
22000	9,8 × 16,5	B33063-B1223-H7	250	5000	94,10		67,20	58,80	53,80
47000	13,0 × 21,5	B33063-B1473-H7	250	5000	328,—		234,—	205,—	188,—
100000	16,5 × 21,5	B33063-B1104-H7	250	5000	398,—		285,—	249,—	228,—

