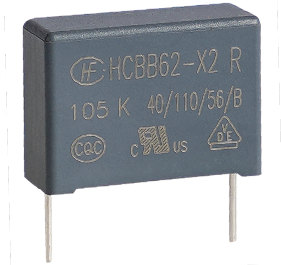


HCBB62-X2R




Metallized polypropylene film interference suppression capacitor divider
(Class X2,275V/310V)



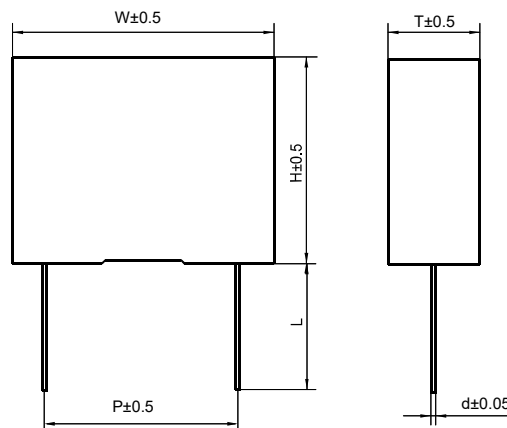
Features

- Specially designed for the capacitive divider circuits in series with 100Va.c.~240Va.c. power supply, such as electricity meter, LED module, etc.
- Metallized polypropylene structure, encapsulated in flame-resistant plastic case, sealed with epoxy resin
- Withstand overvoltage impact, excellent self-healing property
- Excellent flame resistant and moisture resistance abilities
- Excellent capacitance stability

Safety Approvals

	CQC	GB/T 6346.14	0.001μF-25μF;X2; ±10%(K),±20%(M); 275/305/310/330/350Va.c.; 40/110/56B; 40/100/56B; 40/100/21B; 40/85/21B;40/85/56B File No.: CQC21001289371
	ENEC-VDE	EN 60384-14 IEC 60384- 14	0.001μF-25μF,X2,±10%(K),±20%(M), 275/305/310/330/350Va.c.; 40/110/56B; 40/100/56B; 40/100/21B; 40/85/21B;40/85/56B File No.: 125834
	UL/CUL	UL 60384-14 CSA E60384-1:14 CSA E60384-14:14	0.001μF-25μF,X2,±10%(K),±20%(M), 250/275/305/310/330/350Va.c.; 40/110/56B; 40/100/56B; 40/100/21B; 40/85/21B;40/85/56B File No.: E311928,CCN:FOWX2/8

Outline Drawing



Specifications

Reference standard	GB/T 6346.14(IEC 60384-14)		
Climatic category	40/110/56/B		
Operating temperature range	-40°C ~+110°C		
Rated voltage	275Va.c./310Va.c. (50Hz/60Hz)		
Capacitance range	0.010μF~2.2μF		
Capacitance tolerance	±5%(J),±10%(K),±20%(M) (20°C,1kHz)		
Voltage proof	Between terminals	4.3U _R (Vd.c.)/2s	
	Between terminals & case	2120Va.c./2s	
Insulation resistance	≥15 000MΩ, C _N ≤0.33μF ≥5 000s, C _N >0.33μF		(20°C,100Vd.c.,1min)
Dissipation factor	C _N ≤1.0μF	≤0.0010(1kHz,20°C)	≤0.0020(10kHz,20°C)
	C _N >1.0μF	≤0.0020(1kHz,20°C)	≤0.0040(10kHz,20°C)

Ordering Information

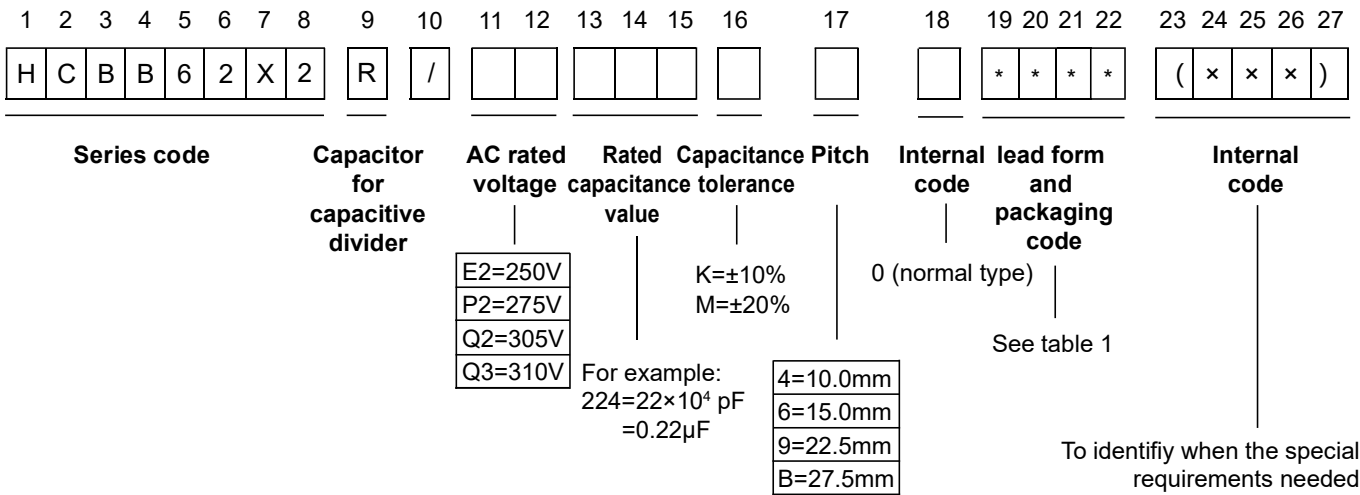


Table 1 Terminal code

Digit 18		Digit 19		Digit 20		Digit 21	
Code	explanation	Code	explanation	Code	explanation	Code	explanation
A	Ammo-pack	3	F=7.5	0	Straight lead	1	Between two consecutive mounting holes P=12.7mm,H0=18mm(pitch=7.5)
		4	F=10.0			5	P=25.4mm,H0=18mm (pitch=10.0/15.0)
		6	F=15.0				
C	straight lead "C" in the figure above (bulk package)	00	standard lead length (18±1mm)	0		0	length tolerance ±0.5mm or standard lead length
		35	lead length=3.5mm ⁽¹⁾				

Notes: (1) If the length of lead is 4.5mm, then the code number is C450,etc.

Outline Dimensions

250Va.c./275Va.c./305Va.c./310Va.c.													
C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
0.01	13.0	9.0	4.0	10.0	0.6	HCBB62X2R/Q3103-40****	0.15	26.5	16.0	7.0	22.5	0.8	HCBB62X2R/Q3154-90****
0.022	13.0	11.0	5.0	10.0	0.6	HCBB62X2R/Q3223-40****	0.18	26.5	16.0	7.0	22.5	0.8	HCBB62X2R/Q3184-90****
0.033	13.0	12.0	6.0	10.0	0.6	HCBB62X2R/Q3333-40****	0.22	26.5	16.0	7.0	22.5	0.8	HCBB62X2R/Q3224-90****
0.047	13.0	12.0	6.0	10.0	0.6	HCBB62X2R/Q3473-40****	0.27	26.5	17.0	8.5	22.5	0.8	HCBB62X2R/Q3274-90****
0.01	18.0	11.0	5.0	15.0	0.6	HCBB62X2R/Q3103-60****	0.33	26.5	17.0	8.5	22.5	0.8	HCBB62X2R/Q3334-90****
0.015	18.0	11.0	5.0	15.0	0.6	HCBB62X2R/Q3153-60****	0.39	26.5	19.0	10.0	22.5	0.8	HCBB62X2R/Q3394-90****
0.022	18.0	11.0	5.0	15.0	0.6	HCBB62X2R/Q3223-60****	0.47M	26.5	19.0	10.0	22.5	0.8	HCBB62X2R/Q3474M90****
0.033	18.0	11.0	5.0	15.0	0.6	HCBB62X2R/Q3333-60****	0.47K	26.5	20.0	11.0	22.5	0.8	HCBB62X2R/Q3474K90****
0.047	18.0	11.0	5.0	15.0	0.6	HCBB62X2R/Q3473-60****	0.56	26.5	19.0	10.0	22.5	0.8	HCBB62X2R/Q3564-90****
0.068	18.0	12.0	6.0	15.0	0.6	HCBB62X2R/Q3683-60****	0.6	26.5	20.0	11.0	22.5	0.8	HCBB62X2R/Q3604-90****
0.1	18.0	14.5	8.5	15.0	0.6	HCBB62X2R/Q3104-60****	0.68	26.5	20.0	11.0	22.5	0.8	HCBB62X2R/Q3684-90****
0.15	18.0	14.5	8.5	15.0	0.6	HCBB62X2R/Q3154-60****	0.75	26.5	20.0	11.0	22.5	0.8	HCBB62X2R/Q3754-90****
0.22	18.0	16.0	10.0	15.0	0.8	HCBB62X2R/Q3224-60****	0.82	26.5	22.0	12.0	22.5	0.8	HCBB62X2R/Q3824-90****
0.33	18.0	19.0	11.0	15.0	0.8	HCBB62X2R/Q3334-60****	0.87	26.5	22.0	12.0	22.5	0.8	HCBB62X2R/Q3874-90****

Notes: (1) "-" means capacitance tolerance code, K=±10%, M=±20% ; "****" means lead form and packaging code (See table 1)

(2)When the rated voltage is 275Va.c.,the digit 10~11 is P2.

Outline Dimensions

250Va.c./275Va.c./305Va.c./310Va.c.													
C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
0.91	26.5	22.0	12.0	22.5	0.8	HCBB62X2R/Q3914-90****	0.82	32.0	22.0	13.0	27.5	0.8	HCBB62X2R/Q3824-B0****
1.0	26.5	22.0	12.0	22.5	0.8	HCBB62X2R/Q3105-90****	1.0	32.0	22.0	13.0	27.5	0.8	HCBB62X2R/Q3105-B0****
0.39	32.0	18.0	9.0	27.5	0.8	HCBB62X2R/Q3394-B0****	1.2	32.0	28.0	14.0	27.5	0.8	HCBB62X2R/Q3125-B0****
0.47	32.0	18.0	9.0	27.5	0.8	HCBB62X2R/Q3474-B0****	1.5	32.0	28.0	14.0	27.5	0.8	HCBB62X2R/Q3155-B0****
0.56	32.0	20.0	11.0	27.5	0.8	HCBB62X2R/Q3564-B0****	1.8	32.0	30.0	20.0	27.5	0.8	HCBB62X2R/Q3185-B0****
0.60	32.0	20.0	11.0	27.5	0.8	HCBB62X2R/Q3604-B0****	2.2	32.0	33.0	18.0	27.5	0.8	HCBB62X2R/Q3225-B0****
0.68	32.0	20.0	11.0	27.5	0.8	HCBB62X2R/Q3684-B0****							

Notes: (1) "-" means capacitance tolerance code, K=±10%, M=±20% ; "****" means lead form and packaging code (See table 1)
 (2)When the rated voltage is 275Va.c.,the digit 10~11 is P2.