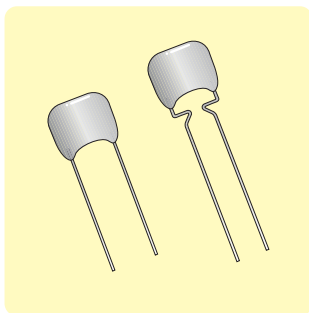


PANASONIC type ECQB & ECQV

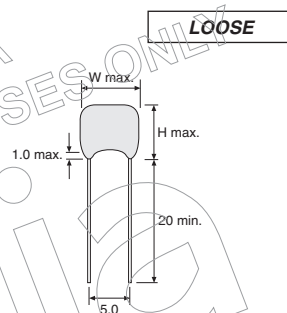
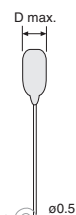
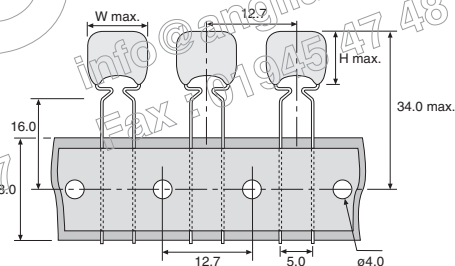
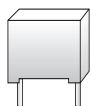
Designed for general purpose applications where high density component insertion is required, the ECQB and ECQV radial lead capacitors are manufactured with an industry standard 5mm pitch. The combined ranges cover values from 470pF to 2.2µF and have a rated voltage of 50Vdc. Supplied loose or taped and boxed.



- ◆ **Polyester film**
- ◆ Industry standard pitch of **5mm**
- ◆ Ideal for high density insertion
- ◆ High volumetric efficiency
- ◆ Working voltage **50V**
- ◆ Capacitance tolerance **5%**
- ◆ Body colour **Brown**
- ◆ Choice of loose or taped & boxed

Specification

Working voltage.....	50Vdc/40Vac
Capacitance tolerance	±5%
Operating temperature range	-40°C to +85°C
Insulation resistance.....	ECQB ≥30,000MΩ
	ECQV ≥3000MΩ
Dissipation factor	ECQB ≤0.8% at 1kHz
	ECQV ≤1% at 1kHz

Dimensions (mm)**End View
(both versions)****TAPED & BOXED****Boxed, 5mm Plastic Film****ARCOTRONICS NISSEI**

see pages 106-107

Panasonic

For the very latest information and news on the full range of Panasonic products available from Anglia, visit our website :

www.anglia.com/panasonic

Alternatively, contact our Sales Desk to discuss your specific requirements.

ECQB

A polyester film capacitor range with non-inductive construction. Conforms to JIS-C-5113.

				LOOSE	TAPED & BOXED
Value (μ F)	Dimensions (mm)			Manf. Part No. & anglia Order Code (Straight Leads)	Manf. Part No. & anglia Order Code (Crimped Leads)
	W	H	D		
50 Volt					
0.00047(470pF)	7.0	6.0	3.0	ECQB1H471JF	ECQB1H471JF3
0.00068(680pF)	7.0	6.0	3.0	ECQB1H681JF	ECQB1H681JF3
0.001	7.0	6.0	3.0	ECQB1H102JF	ECQB1H102JF3
0.0012	7.0	6.0	3.0	ECQB1H122JF	ECQB1H122JF3
0.0015	7.0	6.0	3.0	ECQB1H152JF	ECQB1H152JF3
0.0018	7.0	6.0	3.0	ECQB1H182JF	ECQB1H182JF3
0.0022	7.0	6.0	3.0	ECQB1H222JF	ECQB1H222JF3
0.0027	7.0	6.0	3.0	ECQB1H272JF	ECQB1H272JF3
0.0033	7.0	6.0	3.0	ECQB1H332JF	ECQB1H332JF3
0.0039	7.0	6.0	3.0	ECQB1H392JF	ECQB1H392JF3
0.0047	7.0	6.0	3.0	ECQB1H472JF	ECQB1H472JF3
0.0056	7.0	6.0	3.0	ECQB1H562JF	ECQB1H562JF3
0.0068	7.0	6.0	3.0	ECQB1H682JF	ECQB1H682JF3
0.0082	7.0	6.0	3.0	ECQB1H822JF	ECQB1H822JF3
0.01	7.0	6.0	3.0	ECQB1H103JF	ECQB1H103JF3
0.012	7.3	6.3	3.3	ECQB1H123JF	ECQB1H123JF3
0.015	7.5	6.0	3.0	ECQB1H153JF	ECQB1H153JF3
0.018	7.5	6.0	3.0	ECQB1H183JF	ECQB1H183JF3
0.022	7.5	6.0	3.0	ECQB1H223JF	ECQB1H223JF3
0.033	7.5	6.5	3.5	ECQB1H333JF	ECQB1H333JF3
0.047	7.5	7.0	4.0	ECQB1H473JF	ECQB1H473JF3
0.068	8.0	8.5	4.3	ECQB1H683JF	ECQB1H683JF3

ECQV

A stacked metallised film capacitor range offering high reliability and values up to 2.2 μ F.

Value (μF)	Dimensions (mm)			LOOSE	TAPED & BOXED
	W	H	D	Manf. Part No. & anglia Order Code (Straight Leads)	Manf. Part No. & anglia Order Code (Crimped Leads)
50 Volt					
0.1	7.3	5.0	4.0	ECQV1H104JL	ECQV1H104JL3
0.15	7.3	5.5	4.4	ECQV1H154JL	ECQV1H154JL3
0.22	7.3	5.5	4.8	ECQV1H224JL	ECQV1H224JL3
0.33	7.3	7.0	5.2	ECQV1H334JL	ECQV1H334JL3
0.47	7.3	7.3	6.0	ECQV1H474JL	ECQV1H474JL3
0.68	7.3	10.0	6.5	ECQV1H684JL	ECQV1H684JL3
1.0	7.3	11.0	8.0	ECQV1H105JL	ECQV1H105JL3
1.5	10.2	10.0	7.2	ECQV1H155JL	ECQV1H155JL3
2.2	10.2	12.0	7.9	ECQV1H225JL	ECQV1H225JL3

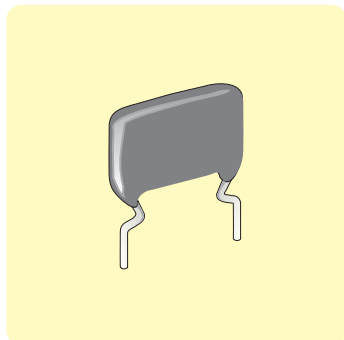
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Also available to special order :

- Other voltages
- Other terminal styles & packaging options

EPOC type E68

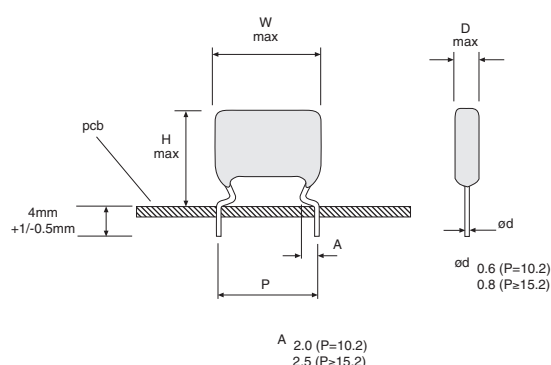
A range of dipped capacitors, industry compatible and suitable for general purpose use. Metallised polyester (PETP) film dielectric. Covered by a protective epoxy resin coating in a blue colour. Flame retardant, moisture repellent and solvent resistant. Leads are crimped and cropped with pitch on industry standard spacings. Voltage ratings from 100V to 400Vdc. May replace BC Comp. 368 series.



- ◆ **Metallised polyester**
- ◆ **Industry compatible**
- ◆ **Protective coating**
- ◆ **Very competitively priced**
- ◆ **Voltage ratings from** **100V to 400V**
- ◆ **Capacitance tolerance** **10%**
- ◆ **Body colour** **Blue**

Specification

Working voltage (as listed)	100Vdc/63Vac 250Vdc/160Vac 400Vdc/220Vac
Capacitance tolerance	±10%
Operating temperature range	-40°C to +85°C
Insulation resistance/time constant	For V >100Vdc >7500MΩ (>2500 sec C>0.33μF) For V =100Vdc >3750MΩ (>1250 sec C>0.33μF)
Dissipation factor	1% at 1kHz

Dimensions (mm)**CAPACITORS – CONVERSION GUIDE**

Pico-Farad (pF)	Nano-Farad (nF)	Micro-Farad (mF, μF, MFD)	Capacitance Code	Pico-Farad (pF)	Nano-Farad (nF)	Micro-Farad (mF, μF, MFD)	Capacitance Code
10	0.01	0.00001	100	10000	10	0.01	103
15	0.015	0.000015	150	15000	15	0.015	153
22	0.022	0.000022	220	22000	22	0.022	223
33	0.033	0.000033	330	33000	33	0.033	333
47	0.047	0.000047	470	47000	47	0.047	473
68	0.068	0.000068	680	68000	68	0.068	683
100	0.1	0.0001	101	100000	100	0.1	104
150	0.15	0.00015	151	150000	150	0.15	154
220	0.22	0.00022	221	220000	220	0.22	224
330	0.33	0.00033	331	330000	330	0.33	334
470	0.47	0.00047	471	470000	470	0.47	474
680	0.68	0.00068	681	680000	680	0.68	684
1000	1.0	0.001	102	1000000	1000	1.0	105
1500	1.5	0.0015	152				
2200	2.2	0.0022	222				
3300	3.3	0.0033	332				
4700	4.7	0.0047	472				
6800	6.8	0.0068	682				

EPOC type E68

100 Volt

Value (μ F)	W	Dimensions (mm)		P	Manf. Part No.	anglia Order Code
		H	D			
0.1	13.0	12.0	4.5	10.2	E682A104K	080104
0.15	13.0	12.0	5.0	10.2	E682A154K	080106
0.22	13.0	13.0	5.5	10.2	E682A224K	080108
0.33	18.0	14.0	5.5	15.2	E682A334K	080110
0.47	18.0	14.5	6.0	15.2	E682A474K	080112
0.68	18.0	15.0	6.0	15.2	E682A684K	080114
1.0	18.0	17.0	7.5	15.2	E682A105K	080116
1.5	26.0	18.0	7.0	22.9	E682A155K	080118
2.2	26.0	20.0	8.0	22.9	E682A225K	080120
3.3	26.0	21.0	10.5	22.9	E682A335K	080122
4.7	30.0	22.5	10.0	27.9	E682A475K	080124

250 Volt

Value (μ F)	W	Dimensions (mm)		P	Manf. Part No.	anglia Order Code
		H	D			
0.033	13.0	12.0	4.5	10.2	E682E333K	080302
0.047	13.0	12.0	4.5	10.2	E682E473K	080304
0.068	13.0	12.5	5.0	10.2	E682E683K	080306
0.1	13.0	13.0	5.0	10.2	E682E104K	080308
0.15	18.0	14.0	5.0	15.2	E682E154K	080310
0.22	18.0	15.0	6.0	15.2	E682E224K	080312
0.33	18.0	16.0	7.0	15.2	E682E334K	080314
0.47	26.0	17.5	5.5	22.9	E682E474K	080316
0.68	26.0	18.5	6.5	22.9	E682E684K	080318
1.0	26.0	19.5	7.5	22.9	E682E105K	080320
1.5	30.0	20.5	8.5	27.9	E682E155K	080322
2.2	30.0	22.5	10.5	27.9	E682E225K	080324

400 Volt

Value (μ F)	W	Dimensions (mm)		P	Manf. Part No.	anglia Order Code
		H	D			
0.01	13.0	12.0	4.5	10.2	E682G103K	080414
0.015	13.0	12.0	4.5	10.2	E682G153K	080416
0.022	13.0	12.0	4.5	10.2	E682G223K	080418
0.033	13.0	12.5	5.0	10.2	E682G333K	080420
0.047	18.0	14.0	5.0	15.2	E682G473K	080422
0.068	18.0	14.0	5.0	15.2	E682G683K	080424
0.1	18.0	15.0	6.0	15.2	E682G104K	080426
0.15	18.0	16.0	7.0	15.2	E682G154K	080428
0.22	26.0	18.0	6.0	22.9	E682G224K	080430
0.33	26.0	19.0	6.5	22.9	E682G334K	080432
0.47	26.0	20.5	8.0	22.9	E682G474K	080434
0.68	30.0	22.0	9.0	27.9	E682G684K	080436
1.0	30.0	23.0	11.0	27.9	E682G105K	080438