



Polymer Chip Capacitor

TOPcap – 125 °C

Series/Type: B761

Date: June 2005
Version: 1





The following applies to all products named in this publication:

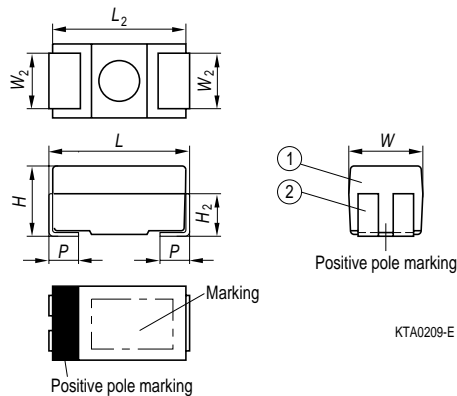
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Features

- Ultra-low ESR: $ESR_{max} = 35 \text{ m}\Omega \dots 55 \text{ m}\Omega$
- Ripple current up to 2.2 A_{RMS} @ 20 °C, 100 kHz
- Operating voltage 2.5 V ... 10 V
- Capacitance 100 μF ... 470 μF ($\pm 20\%$)
- Only 20% derating necessary
- Lead-free & RoHS compatible
- Temperature range: -55 °C ... 125 °C
- 100% surge current tested

Dimensional drawing


- ① Encapsulation: molded epoxy resin
- ② NiFe; tinned surface Sn100

Case size		Dimensions in mm (inches)						
EPCOS	EIA/ IECQ	L	W	H	L ₂ typ.	W ₂ ± 0.1 ± (.004)	H ₂ typ.	P ± 0.3 ± (.012)
D	7343-31	7.3 ± 0.3 (.287 ± 0.012)	4.3 ± 0.3 (.169 ± 0.012)	2.8 ± 0.3 (.110 ± .012)	7.1 (.280)	2.4 (.094)	1.6 (.062)	1.3 (.051)
E	7343-43	7.3 ± 0.3 (.287 ± 0.012)	4.3 ± 0.3 (.169 ± 0.012)	4.0 ± 0.3 (.157 ± .012)	7.1 (.280)	2.4 (.094)	1.6 (.062)	1.3 (.051)

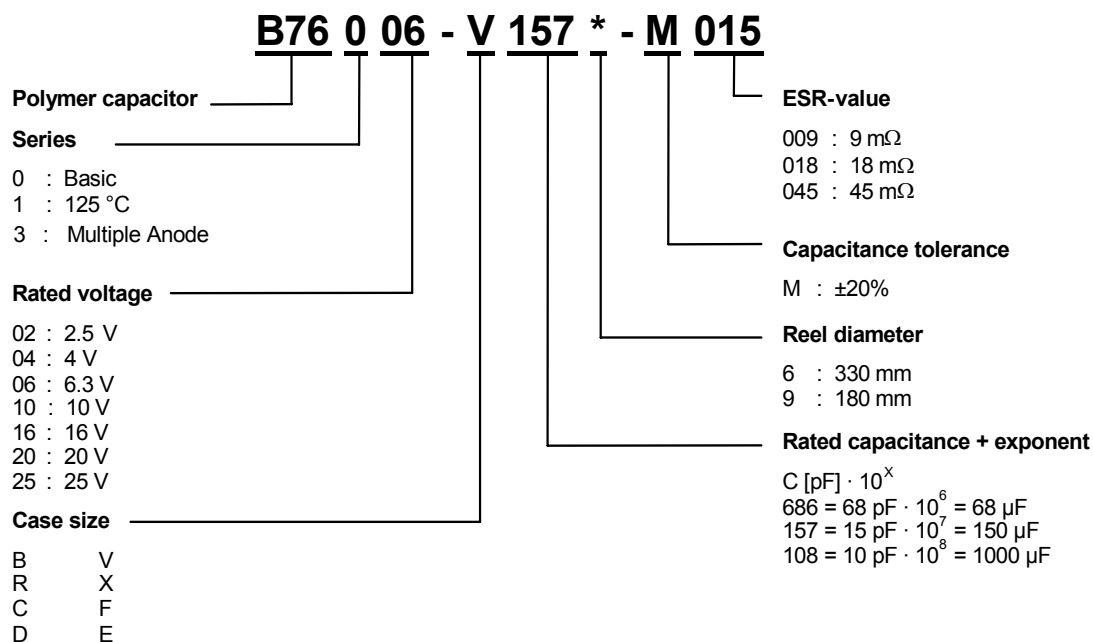


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Ordering code structure



Technical data and ordering codes

Rated voltage V _R up to 85 °C (up to 125 °C) VDC	Rated capacitance C _R μF	Case size	EIA code	DF _{max} (20 °C, 120 Hz) %	Leakage current I _{leak, max} (20 °C, V _R , 5 min) μA	ESR _{max} ¹⁾ (20 °C, 100 kHz) mΩ	Ripple current			Ordering code
							I _{ACmax} (100 kHz) A _{RMS} 20 °C	85 °C	105 °C	
2.5 (2.0)	330	D	7343-31	10	83	40	1.9	1.7	0.8	B76102D3379M040
	470	D	7343-31	10	118	40	2.0	1.8	0.8	B76102D4779M040
4 (3.2)	220	D	7343-31	10	88	40	1.9	1.7	0.8	B76104D2279M040
	220	D	7343-31	10	88	45	1.8	1.6	0.7	B76104D2279M040
	330	D	7343-31	10	132	40	1.9	1.7	0.8	B76104D3379M040
	470	D	7343-31	10	188	40	1.9	1.7	0.8	B76104D4779M040
6.3 (5.0)	220	D	7343-31	10	139	40	1.9	1.7	0.8	B76106D2279M040
	330	D	7343-31	10	208	40	1.9	1.7	0.8	B76106D3379M040
	330	E	7343-43	10	208	40	2.0	1.8	0.8	B76106E3379M040
	470	E	7343-43	10	296	35	2.2	2.0	0.9	B76106E4779M035
10 (8.0)	100	D	7343-31	10	100	55	1.7	1.5	0.7	B76110D1079M055
	220	E	7343-43	10	220	40	2.0	1.8	0.8	B76110E2279M040
	330	E	7343-43	10	330	40	2.0	1.8	0.8	B76110E3379M040

¹⁾ other values upon request



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