



Film Capacitors – AC Capacitors

DC link Capacitors

Series/Type: Plastic round DC capacitor
Ordering code: B32320I2656J011

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Plastic round DC capacitor

Construction

- Metallized polypropylene film
- Plastic can with resin top
- Dry type resin

Features

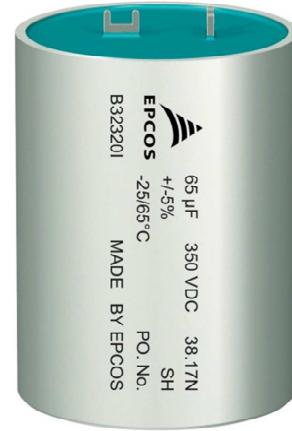
- Self-healing properties
- Low dissipation factor
- Low R_s
- Safety protection with thermal fuse fitted inside the capacitor
- High insulation resistance

Applications

- Frequency converter DC link
- RF filter capacitor in DC link
- Inverter in home appliances

Terminals

- Brass tabs 5.5 x 0.6 mm for PCB mounting



Technical data and specifications

Rated capacitance C_R	See table ordering codes, page 4
Tolerance	$\pm 5\%$
Rated voltage	350 V DC
R_s at 100 kHz	Typical 10 mΩ
Ripple current	Typical 3.7 A
Thermal cut off	Thermal fuse: 5 A, 250 V AC, +115 °C, fitted inside

Test data

Withstand voltage between terminals	1.2 • rated voltage for 10 sec.
Withstand voltage between terminal to case	2 KVAC for 60 sec.
Dissipation factor $\tan \delta$ at +20 °C	$\leq 40.0 \cdot 10^{-3}$ (1K Hz)

Climatic data

Lower category T_{min}	-25 °C
Upper category T_{max}	+65 °C

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Mechanical and thermal properties of resin material

Flammability as per UL 94 V0	compatible
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Compatibility to RoHS

Compliance to directive 2002/95/EC	
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Marking

				Marking nomenclature:	
	CxuF	VDC	WW.YYN	Cx Rated capacitance	
	Tx %		SH	V DC Rated DC voltage	
	-25/65°C		PO. No.	Tx Tolerance in %	
B32320I		MADE	BY EPCOS	SH Self-healing type MPP capacitor	
				-25/86 Lower temperature limit -25°C	
					Upper temperature limit +65°C
				ww.yyN Batch number/manufacturing week	
				PO. No. Ordering code	

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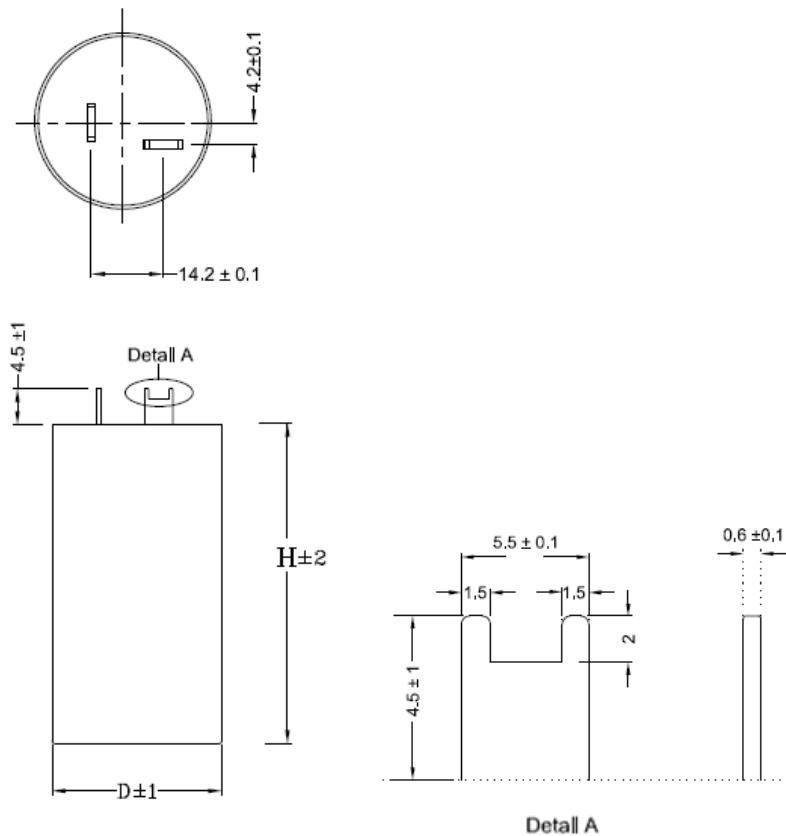
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Dimensional drawings

Terminal Pattern from Top side



Ordering code

Rated voltage V DC	C _R μF	Dimension mm		Packaging unit	Ordering code
		D	L		
350	65	40	58	170	B32320I2656J11

⚠ Please read "Applications warning, installation and maintenance instructions" and the "General Safety Data Sheet for Power Capacitors" issued by ZVEI, which are available on the internet at www.epcos.com/ac_capacitors, to ensure optimum performance and to prevent products from failing, and in worst case, bursting and fire. Information given in the data sheet reflects typical specifications. You are kindly requested to approve our product specifications or request our approval for your specification before ordering

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