



AC Film Capacitors, Motor Run Capacitors

Series/Type: B32322

The following products presented in this data sheet are being withdrawn.

Ordering Code	Substitute Product	Date of Withdrawal	Deadline Last Orders	Last Shipments
B32322B4106J010		2013-03-15	2013-06-15	2013-09-15
B32322C1406J030		2013-10-25	2014-01-25	2014-04-25
B32322C1306J030		2013-10-25	2014-01-25	2014-04-25

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Ordering Code	Substitute Product	Date of Withdrawal	Deadline Last Orders	Last Shipments
B32322C1206J030		2013-10-25	2014-01-25	2014-04-25
B32322C1126J030		2013-10-25	2014-01-25	2014-04-25
B32322C1106J030		2013-10-25	2014-01-25	2014-04-25
B32322B4805J010	B32322D4805J010	2013-10-25	2014-01-25	2014-04-25
B32322B4606J010	B32322D4606J010	2013-10-25	2014-01-25	2014-04-25
B32322B4605J010	B32322D4605J010	2013-10-25	2014-01-25	2014-04-25
B32322B4506J010	B32322D4506J010	2013-10-25	2014-01-25	2014-04-25
B32322B4505J010	B32322D4505J010	2013-10-25	2014-01-25	2014-04-25
B32322B4456J010		2013-02-08	2013-05-08	2013-08-08
B32322B4305J010	B32322D4305J010	2013-10-25	2014-01-25	2014-04-25
B32322B4256J010	B32322D4256J010	2013-10-25	2014-01-25	2014-04-25
B32322B4186J030		2013-10-25	2014-01-25	2014-04-25
B32322B4186J010	B32322D4186J010	2013-10-25	2014-01-25	2014-04-25
B32322B4126J010	B32322D4126J010	2013-10-25	2014-01-25	2014-04-25

For further information please contact your nearest EPCOS sales office, which will also support you in selecting a suitable substitute. The addresses of our worldwide sales network are presented at www.epcos.com/sales.

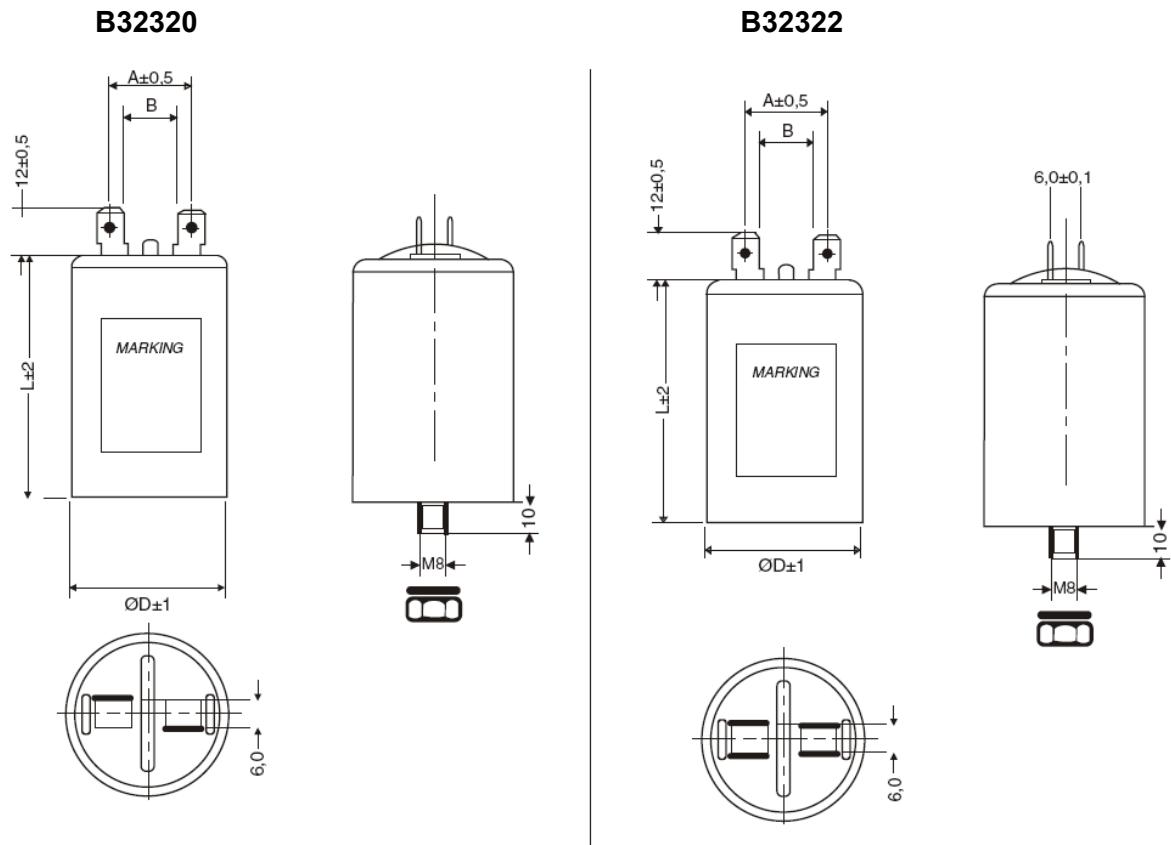
Film capacitors – AC capacitors

Motor run capacitors

B32320/B32322 – MotorCap™

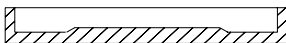
Test data	
AC test voltage terminal to terminal V_{TT}	$2 \cdot V_R$, 2 s (routine test) $2 \cdot V_R$, 60 s (type test)
Insulation resistance R_{ins} or time constant τ at 20 °C, rel. humidity $\leq 65\%$ (minimum as-delivered values)	3000 s
Dissipation factor $\tan \delta$ at 20 °C	$\leq 1.0 \cdot 10^{-3}$ (120 Hz)
Maximum rate of voltage rise dV/dt_{max}	10 V/ μ s
Climatic data	
Climatic category	25/085/21 to IEC 60068-1
Lower category T_{min}	-25 °C
Upper category T_{max}	+85 °C
Damp heat test t_{test}	21 days
Mechanical and thermal properties	
Ball pressure test to IEC 60309-1 sec. 27.3	20 N at 125 °C
Plastic can and top disk material	Compliant to EN 60252
- UL 94 V2 compatible - Glow wire test to IEC 60695-2-1/0 and -2-1/1 Test temp 550 °C for $I_R \leq 0.5$ A Test temp 750 °C for $I_R > 0.5$ A	Self-extinguishing within 30 seconds of withdrawing the glow wire and without igniting wrapping tissue.
Tracking test to IEC 60112 solution A	> 250 V
Compatibility to RoHS	
Compliance to directive 2002/95/EC	
Approvals	
VDE 400 V/85 °C: 10000 h (class B) for 1.5 μ F ... 50 μ F 480 V/85 °C: 3000 h (class C) for 3 μ F ... 35 μ F	Approved Approved

Dimensional drawings

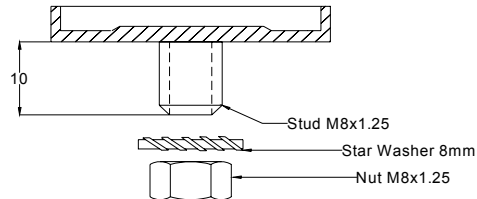


Mounting options

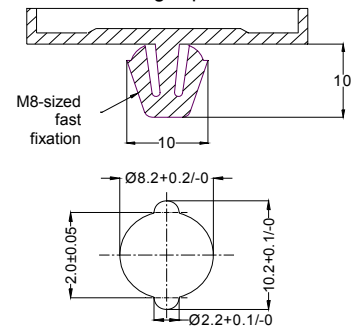
= 1: Can without mounting



= 3: Can with M8 bolt



= 5: Locking clip



Film capacitors – AC capacitors
Motor run capacitors
B32320/B32322 – MotorCap™
Ordering codes and packing units

V _R V AC	C _R μF	Max. dimensions d × l (mm) B32320	Max. dimensions d × l (mm) B32322	Ordering code	Packing units pcs.
250	1.5	25 × 58	30 × 62	B3232*C1155J0#0	112
	2	25 × 58	30 × 62	B3232*C1205J0#0	112
	3	25 × 58	30 × 62	B3232*C1305J0#0	112
	4	25 × 58	30 × 62	B3232*C1405J0#0	112
	5	25 × 58	30 × 62	B3232*C1505J0#0	112
	6	25 × 58	30 × 62	B3232*C1605J0#0	112
	7	25 × 58	30 × 62	B3232*C1705J0#0	112
	7.5	25 × 58	30 × 62	B3232*C1755J0#0	112
	8	25 × 58	30 × 62	B3232*C1805J0#0	112
	9	30 × 62	30 × 62	B3232*C1905J0#0	112
	10	30 × 62	30 × 62	B3232*C1106J0#0	112
	12	30 × 62	30 × 62	B3232*C1126J0#0	112
	14	30 × 62	30 × 62	B3232*C1146J0#0	112
	15	30 × 62	30 × 62	B3232*C1156J0#0	112
	16	35 × 62	35 × 62	B3232*C1166J0#0	84
	18	35 × 62	35 × 62	B3232*C1186J0#0	84
	20	35 × 62	35 × 62	B3232*C1206J0#0	84
	22	35 × 62	35 × 62	B3232*C1226J0#0	84
	25	35 × 71	35 × 71	B3232*C1256J0#0	84
	30	35 × 71	35 × 71	B3232*C1306J0#0	84
	35	40 × 71	40 × 71	B3232*C1356J0#0	60
	40	40 × 71	40 × 71	B3232*C1406J0#0	45
	45	40 × 71	40 × 71	B3232*C1456J0#0	45
	50	40 × 95	40 × 95	B3232*C1506J0#0	45
	55	40 × 95	40 × 95	B3232*C1556J0#0	45
	60	40 × 95	40 × 95	B3232*C1606J0#0	45

Film capacitors – AC capacitors
Motor run capacitors
B32320/B32322 – MotorCap™

V _R V AC	C _R μF	Max. dimensions d × l (mm) B32320	Max. dimensions d × l (mm) B32322	Ordering code	Packing units pcs.
400	1.5	25 × 58	30 × 62	B3232*B4155J0#0	112
	2	25 × 58	30 × 62	B3232*B4205J0#0	112
	3	25 × 58	30 × 62	B3232*B4305J0#0	112
	4	25 × 58	30 × 62	B3232*B4405J0#0	112
	5	30 × 62	30 × 62	B3232*B4505J0#0	112
	6	30 × 62	30 × 62	B3232*B4605J0#0	112
	7	35 × 62	35 × 62	B3232*B4705J0#0	84
	8	35 × 62	35 × 62	B3232*B4805J0#0	84
	9	35 × 62	35 × 62	B3232*B4905J0#0	84
	10	35 × 62	35 × 62	B3232*B4106J0#0	84
	12	35 × 71	35 × 71	B3232*B4126J0#0	84
	14	35 × 71	35 × 71	B3232*B4146J0#0	84
	15	40 × 71	40 × 71	B3232*B4156J0#0	60
	16	40 × 71	40 × 71	B3232*B4166J0#0	60
	18	40 × 71	40 × 71	B3232*B4186J0#0	60
	20	40 × 71	40 × 71	B3232*B4206J0#0	60
	22	40 × 95	40 × 95	B3232*B4226J0#0	60
	25	40 × 95	40 × 95	B3232*B4256J0#0	60
	30	40 × 95	40 × 95	B3232*B4306J0#0	60
	35	45 × 95	45 × 95	B3232*B4356J0#0	45
	40	45 × 95	45 × 95	B3232*B4406J0#0	45
	45	50 × 95	50 × 95	B3232*B4456J0#0	32
	50	50 × 95	50 × 95	B3232*B4506J0#0	32
	55	50 × 95	50 × 95	B3232*B4556J0#0	32
	60	50 × 95	50 × 95	B3232*B4606J0#0	32

Film capacitors – AC capacitors

Motor run capacitors

B32320/B32322 – MotorCap™

V _R V AC	C _R μF	Max. dimensions d × l (mm) B32320	Max. dimensions d × l (mm) B32322	Ordering code	Packing units pcs.
480	3	30 × 62	30 × 62	B3232*B7305J0#0	112
	4	30 × 62	30 × 62	B3232*B7405J0#0	112
	5	30 × 62	30 × 62	B3232*B7505J0#0	112
	6	35 × 62	35 × 62	B3232*B7605J0#0	84
	7.5	35 × 71	35 × 71	B3232*B7755J0#0	84
	8	35 × 71	35 × 71	B3232*B7805J0#0	84
	10	40 × 71	40 × 71	B3232*B7106J0#0	60
	12	40 × 71	40 × 71	B3232*B7126J0#0	60
	15	45 × 71	45 × 71	B3232*B7156J0#0	45
	16	45 × 71	45 × 71	B3232*B7166J0#0	45
	20	45 × 71	45 × 71	B3232*B7206J0#0	45
	22	45 × 71	45 × 71	B3232*B7226J0#0	45
	25	45 × 95	45 × 95	B3232*B7256J0#0	45
	30	45 × 95	45 × 95	B3232*B7306J0#0	45
	35	50 × 95	50 × 95	B3232*B7356J0#0	32
	40	45 × 120	45 × 120	B3232*B7406J0#0	45

Composition of ordering code:

*: Terminals

- 0 single fast-on terminals
- 2 double fast-on terminals

#: Construction

- 1 plastic can
- 3 plastic can with M8 bolt
- 5 plastic can with locking clip, available for diameters 30 mm, 32 mm and 35 mm, others on request

 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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