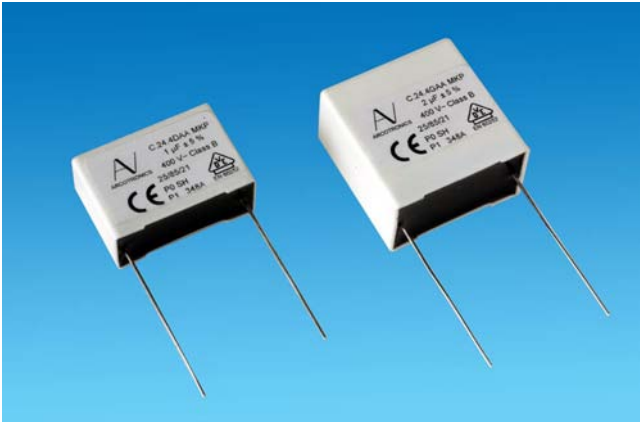



C.24/4 Series



TYPICAL APPLICATIONS: the capacitor is used in series to the start-winding of the single-phase electric motor, allowing its starting and increasing the torque during work. The capacitor is particularly suitable for applications requiring reduced dimensions i.e. air-fans and circulators.

MARKING:

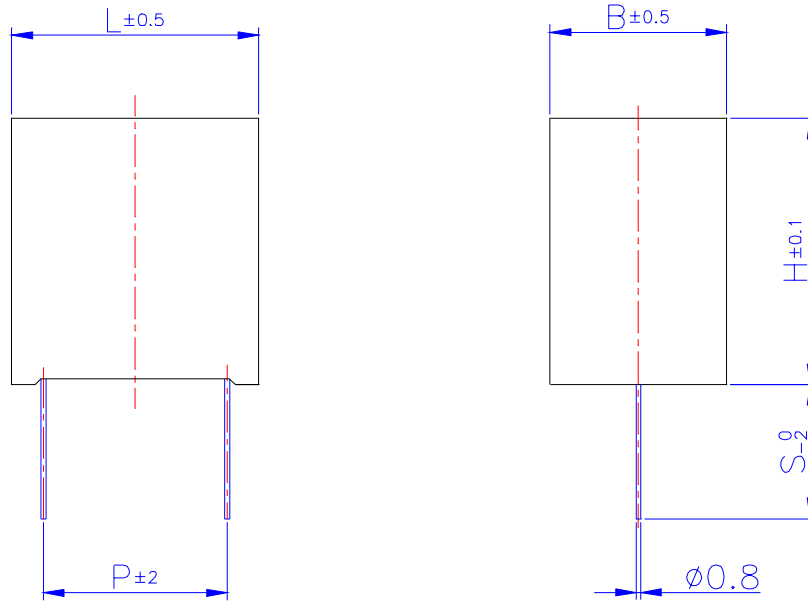
A	C.24.4LAA MKP
	5.5 μ F \pm 5 %
ARCOTRONICS	450 V~ Class C
CE	25/85/21
	PO SH JD 

Expected Life			10000h/400Vac – 3000h/450Vac					
Rated Cap. μ F	Rated Current A	Max dv/dt V/ μ s	See drawing page. 55			Pitch mm	Weight g	Status
			B mm	H mm	L mm			
0.5	0.08	50	10	20	32	27.5	26	
1.0	0.15	50	13	22	32	27.5	26	
1.5	0.22	50	15	24.5	32	27.5	30	In progress
1.5	0.22	50	18	33	32	27.5	38	
2.0	0.29	50	18	33	32	27.5	38	
2.5	0.37	50	22	37	32	27.5	38	
3.0	0.44	50	22	37	32	27.5	38	
3.5	0.52	50	22	37	32	27.5	38	
4.0	0.59	50	16	28.5	41.5	37.5	45	In progress
4.0	0.59	50	28	37	42,5	37.5	52	
4.5	0.66	50	19	32	41.5	37.5	50	In progress
4.5	0.66	50	28	37	42,5	37.5	52	
5.0	0.74	50	19	32	41.5	37.5	50	In progress
5.0	0.74	50	28	37	42.5	37.5	52	
6.0	0.88	50	30	45	42	37.5	68	
6.0	0.88	50	20	40	41.5	37.5	68	In progress
6.3	0.93	50	30	45	42	37.5	68	
7.0	1.03	50	30	45	42	37.5	68	
8.0	1.18	50	30	45	42	37.5	68	
9.0	1.33	50	30	45	42	37.5	68	

General technical data:

Reference standards	IEC 252: 1993	EN60252
EN60252 approval	VDE Testing and Certification Institute	
Type of working:	Continuous	
Operating class:	CLASS B - 10000 hours, 400 Volt a.c. CLASS C - 3000 hours, 450 Volt a.c.	
Operating Min. / MaxTemperature:	- 25 / 85 °C	
Storage:	- 40 / 90 °C	
Rated Voltage Vn (a.c.):	400 Volt a.c.	
Rated Frequency (Hz):	50 - 60 Hz	
Voltage rise/fall time (max):	50 Volt / μ s	
Maximum Permissible Voltage:	1.10 x Rated Voltage	
Maximum Permissible Current:	1.30 x Rated Current	
Dissipation factor, Tg δ :	20 x 10 ⁻⁴ at 20°C, 50 Hz	
Safety class:	P0	
Maximum altitude:	2000 m	
Capacitance Tolerance (standard)	\pm 5 %	
Mounting:	Any position	
Case:	P.B.T. (Polybutylene Terephtalato)	
Self-extinguishing property:	V0 (UL94 standard)	
Filling Resin:	Self-extinguishing epoxy V0	
Dielectric:	Polypropylene	
Plates:	Self-healing metal layer	
Voltage test terminal to terminal:	2 Vn for 2 s	
Voltage test terminal to case:	2000 Volt for 2 s	
Leakage – Clearance in air between parts under voltage:	\geq 5mm	
Vibration test:	IEC 68-2-6	

C.24. 4 SERIES



TYPE	BOX CAPACITOR WITH WIRES
Execution:	Standard
Protection degree	IP55

Basic execution	C	2	4	-	-	-	A	-	-	-	-	-	-	-
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