

PCBB65L Technical data

1. Rated capacitance (C_N): 15uF.
2. Rated voltage (U_N): 640VAC (1000VDC).
3. Rated frequency: 50/60Hz
4. Capacitance tolerance: $\pm 5\%$ (J)
5. Safety protection class: S2 (PROTECTED)
6. Dissipation factor ($\tan\delta$): ≤ 0.0020 @100Hz
7. Climatic testing class: 40/85/21
8. Test voltage between terminals: $2.0 \times U_N$, 2s
9. Test voltage between terminals to case:
2500VAC, 50Hz, 60s
10. Insulation resistance between terminals:
 $\geq 5000\text{M}\Omega \times \text{uF}$, 100V, 60s
11. Seal inspection: $+95^\circ\text{C}$, 1h;
No deformation & leakage.
12. Dielectric: Metallized Polypropylene film
13. Case: Aluminium with M8*10 nut
14. Potting compound: No PCB's oil
15. Terminals : Tinned copper 250# (0.8*6.35) 1+1
16. Reference standards: UL810
17. RoHS Compliant.

MARKING

 PCBB65L SH
15uF $\pm 5\%$
640VAC 50/60Hz
MAX. $+85^\circ\text{C}$ NO PCB'S OIL
S2 PROTECTED 10000AFC

PART NO.	U_N (VDC)	U_N (VAC)	C_N (uF)	ΦD (mm)	H (mm)	T (mm)
	1000	640	15	50	85	20

TOLERANCE			 Patron <i>Passive Electronic</i>	
x	xx	xx		
± 1	± 0.5	± 0.05	TITLE	
SCALE	1:1	UNIT	MM	
DRAW	Paul	DATE	20.09.2025	
CHECK	John	REV		
			DESCRIPTION	
			PCBB65L AC Metallized-Film Capacitor for Motor or Filter	