



Series C56 DC-Link Polypropylene Capacitors

Features: Flame retardant to UL94, double metal and metal film inner series structure, aluminum case with resin sealing, tinned copper nut terminals, large capacity, small volume, high ripple current capability, low temperature rise, good heat dissipation, long service life.

Applications: Induction heating equipment in the DC bus bar support, smoothing filter circuit.

Specifications

1) Operating Temperature

-40°C to 85°C.

2) Capacitance

0.4 μ F to 1.1 μ F

3) Rated Voltage

3000 VDC.

4) Tolerance

\pm 5% \pm 10%

5) Withstand Voltage

1.5 rated DC voltage 60s

6) Dissipation Factor

0.1% max at 25°C \pm 5°C, 1kHz

7) Withstand Strike Current Ability

dv/dt > 30V/ μ s

8) Effective Current

30A to 80A

9) Stray Inductance

\leq 30nH

10) Life Expectancy

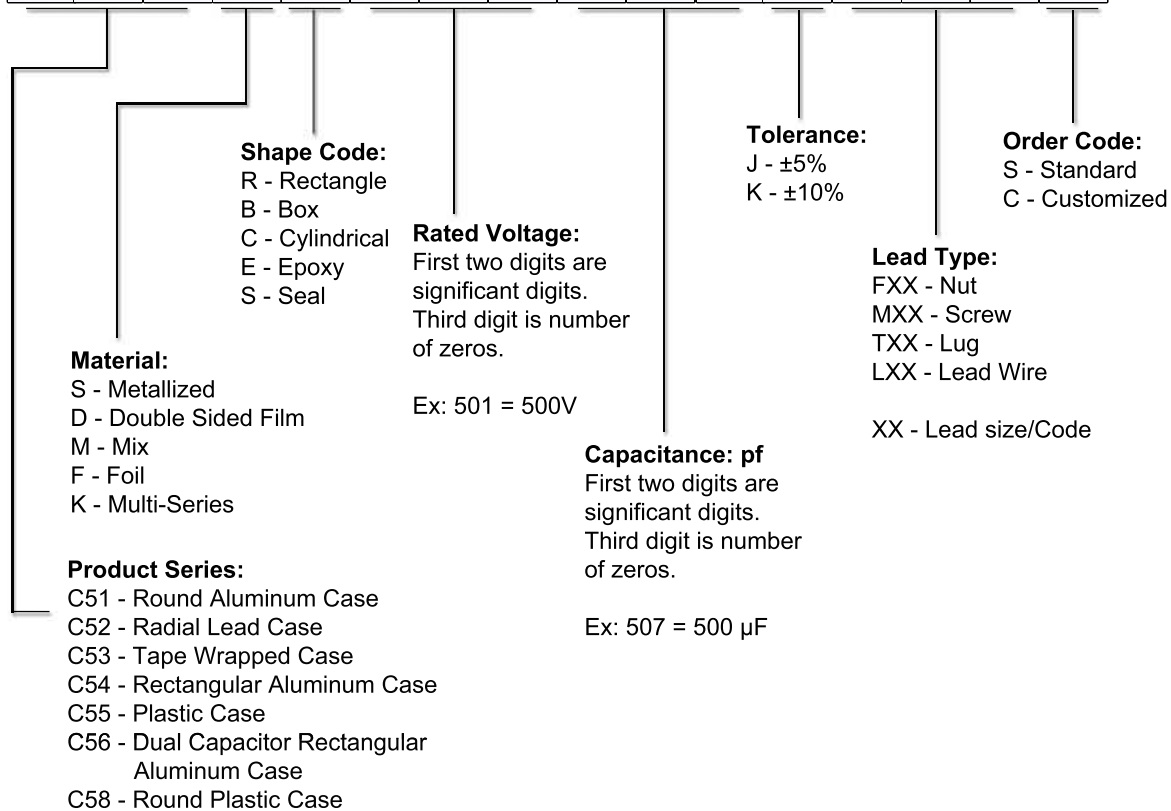
200000h at rated DC voltage and 70°C

11) Reference Standards

GB/T 17702, IEC 61071

DC Link Nomenclature

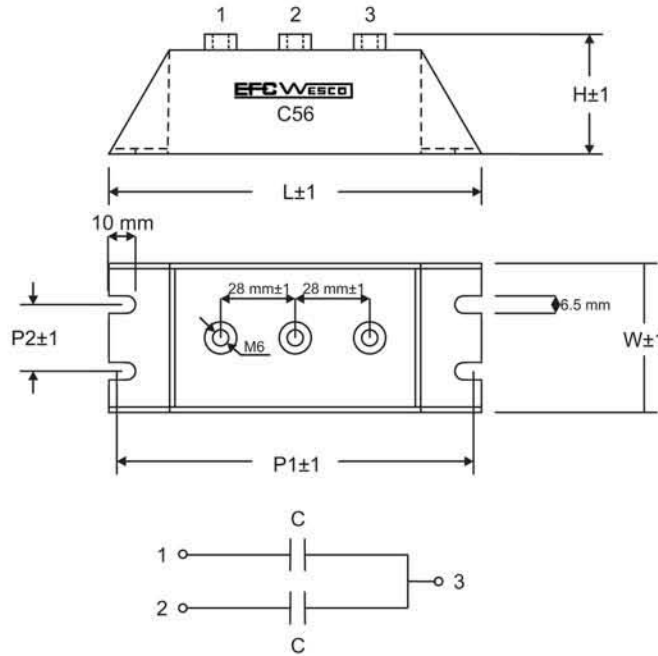
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C56

Dual Capacitor Rectangular Aluminum Case

DC Link Polypropylene Capacitors



Dimensions and Ratings

Cap.	3000 VDC						
μF	Part #	Dimension (mm)					Stud Mounting
		L	W	H	P1	P2	
0.4	C56SR302404F**#	140	56	45	126	25	3xM6
0.5	C56SR302504F**#	155	65	45	141	25	3xM6
0.6	C56SR302604F**#	155	65	45	141	25	3xM6
0.7	C56SR302704F**#	175	74	45	161	25	3xM6
0.8	C56SR302804F**#	175	74	45	161	25	3xM6
0.88	C56SR302884F**#	155	65	45	141	25	3xM6
0.9	C56SR302904F**#	180	85	45	171	25	3xM6
1.0	C56SR302105F**#	175	74	45	161	25	3xM6
1.1	C56SR302115F**#	175	74	45	161	25	3xM6