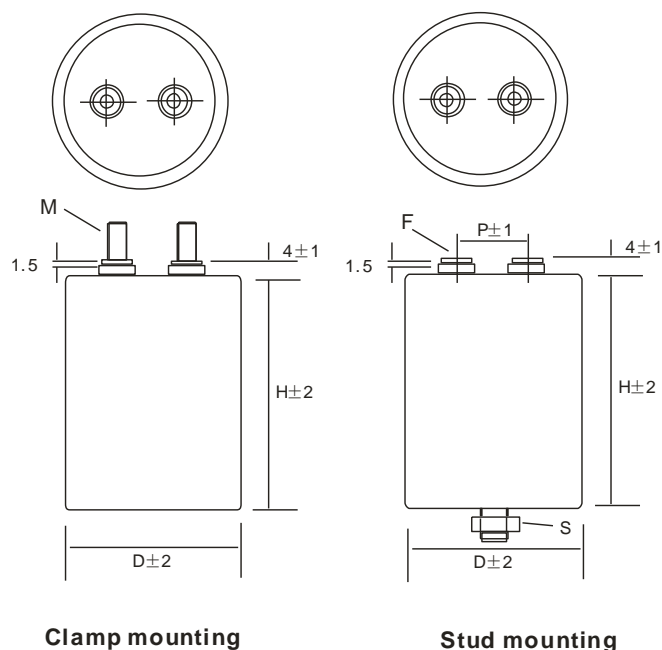


GENERAL TECHNICAL CHARACTERISTICS	
Reference standards :	IEC 61071-60068
Climatic category:	40/85/56
Dielectric :	Polypropylene film
Construction :	Extended metallized film , Dry construction
Features:	Low ESR, Low Ls, high current, improved reliability
Case :	Aluminum case
ELECTRICAL CHARACTERISTICS	
Working temperature :	-40 to + 85°C(max hotspots≤70°C)
Storage temperature :	-40 to + 85°C
Capacitance :	50 to 1000μF
Rated Voltage	800 to 2000 Vdc
Tolerance :	± 5%(J) ± 10%(K)
Failure rate:	50FIT
Dissipation factor	≤ 2×10 ⁻³ Measured at 100Hz 25°C
Life expectancy :	100,000 hours at Un and 70°C
TEST METHODS AND PERFORMANCES	
Test voltage between terminals	1.5Un (10s at 20± 5°C)
Test voltage terminal and case :	3000Vac,(60s 50Hz 20± 5°C)
Insulation resistance (C* <i>R</i> _i) :	≥ 10000 s after 1 minute of electrification at 100Vdc (25±5°C)

Outline drawing:



Case	Output				Stud mounting		
	M	Torque	F	Torque	P	S	Torque
D=76,86	M8×20	8.5N.M MAX	M6×20	4.5N.M MAX	32.0		

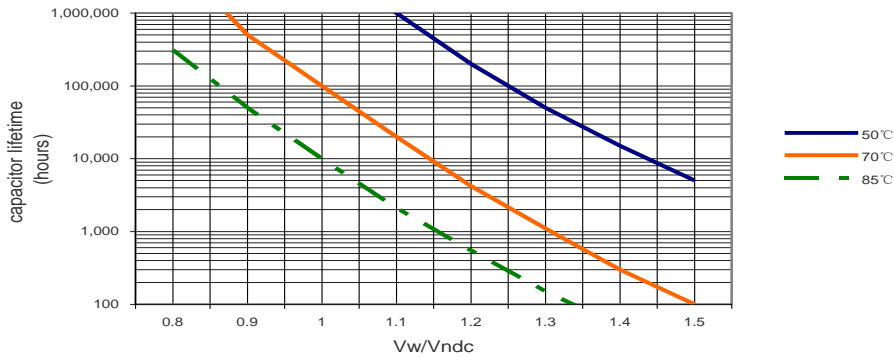
Part Numbering System:

CLE1200K470 – FS “F” = F for Internal thread, M for lead screw “S” = C for clamp, S for stud mounting

PROTECTION AGAINST OVERVOLTAGES

1.1 × Un	30% of the service period
1.15 × Un	30 min/d
1.2 × Un	5 min/d
1.3 × Un	1 min/d
1.5 × Un	100 ms no more than 1000 times

EXPECTED LIFE



Electrical specifications

Ordering Code	Cap (µF)	D (mm)	H (mm)	P (mm)	I _{rms} @25°C @10kHz (A)	ESR@ 1.0kHz	RTH (k/w)	Weight (kg)
Un 800VDC Us 1200V								
CLE800K430-#	430	76	120	32	40	4.3	3.9	0.65
CLE800K550-#	550	86	120	32	46	3.7	3.5	0.85
CLE800K1000-#	1000	86	225	32	76	2.6	1.8	1.50
Un 1000VDC Us 1500V								
CLE1000K275-#	275	76	120	32	37	5.0	3.9	0.65
CLE1000K500-#	500	76	225	32	63	3.3	2.0	1.25
CLE1000K680-#	680	86	225	32	73	2.8	1.8	1.50
Un 1200VDC Us 1800V								
CLE1200K200-#	200	76	120	32	35	5.5	3.9	0.65
CLE1200K370-#	370	76	225	32	61	3.6	2.0	1.25
CLE1200K470-#	470	86	225	32	69	3.1	1.8	1.50
Un 1400VDC Us 2100V								
CLE1400K270-#	270	76	225	32	58	4.0	2.0	1.25
CLE1400K350-#	350	86	225	32	66	3.4	1.8	1.50
Un 1600VDC Us 2400V								
CLE1600K140-#	140	86	120	32	36	5.9	3.5	0.85
CLE1600K270-#	270	86	225	32	64	3.7	1.8	1.50
Un 1800VDC Us 2700V								
CLE1800K160-#	110	76	225	32	52	4.8	2.0	1.25
CLE1800K200-#	200	86	225	32	60	4.1	1.8	1.50
Un 2000VDC Us 3000V								
CLE2000K130-#	130	76	225	32	36	10.4	2.0	1.25
CLE2000K170-#	170	86	225	32	42	8.6	1.8	1.50
Un 2400VDC Us 3600V								
CLE2400K90-#	90	76	225	32	33	12.0	2.0	1.25
CLE2400K120-#	120	86	225	32	39	9.7	1.8	1.50
Un 3200VDC Us 4800V								
CLE3200K50-#	50	76	225	32	29	15.3	2.0	1.25
CLE3200K65-#	65	86	225	32	35	12.4	1.8	1.50