

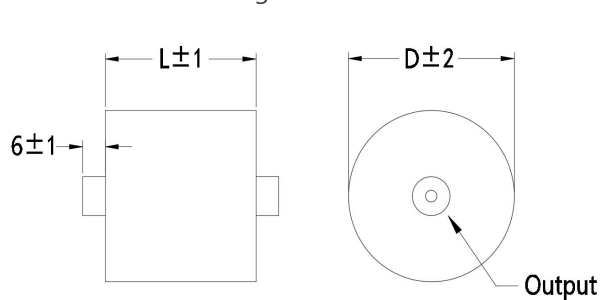
GENERAL TECHNICAL CHARACTERISTICS	
Reference standards :	IEC 61071
Climatic category:	40/85/56
Dielectric :	Polypropylene film
Construction :	Extended metallized film ,Dry
Features:	Low ESR,Low Ls,high ripple current
Coating :	Polyester tape wrapping; UL94V-0
ELECTRICAL CHARACTERISTICS	
Working temperature :	-40 to + 85°C(max hotspot≤85°C)
Storage temperature :	-40 to + 85°C
Capacitance :	1.0~200μF
Rated Voltage	400 to 1200 Vdc
Tolerance :	± 5%(J) ± 10%(K)
Life expectancy :	100,000 hours at Un and 70°C
TEST METHODS AND PERFORMANCES	
Insulation resistance :	≥5,000s after 1 minute of electrification at 100Vdc (25±5°C)
Test voltage between	1.5Un applied for 10s at 25±5°C
Test voltage between terminals and case :	3.0 KV 50Hz for 60 sec



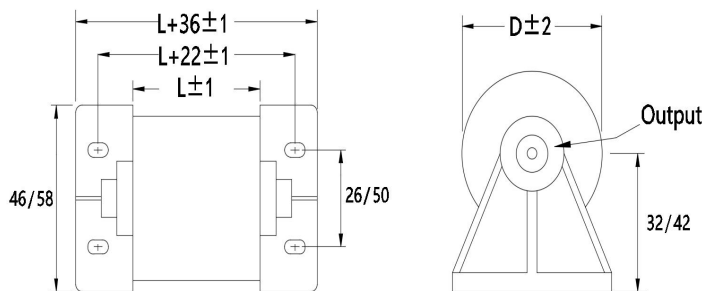
▲Part Numbering System

140	FAA	206	K	40	P	#
Voltage	Type	Capacitance	Tolerance	Length	Screws	Lug
140=400vdc	FAA	105=1uf	J= ±5%	40=L=40mm	P=M6	FAA or FAB NO
180=800vdc	FAB	106=10uf	K= ±10%	50=L=50mm	Y=M8	FAC=W U H
212=1200vdc	FAC	107=100uf	M= ±20%			L= Style C

▲Outline drawing



Style A (Mobile stand)



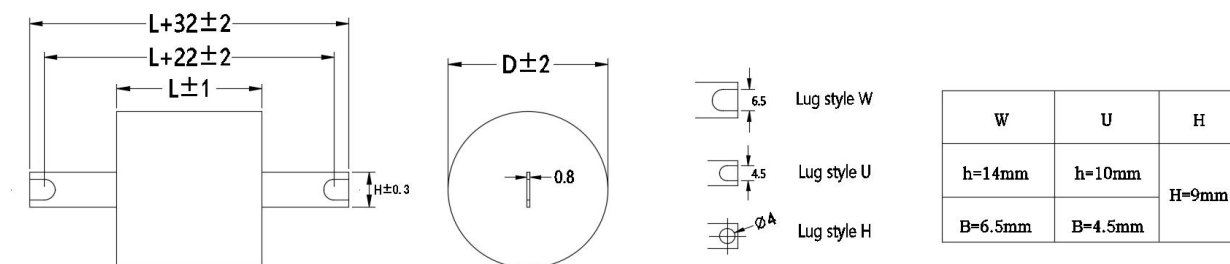
Style B (Fixed bracket)

▲FAA or FAB series Technical Data

CAP μF	Dimension (mm)		du/dt v/μs	I _{rms} @60°C @10kHz(A)	ESR@1.0k Hz(mΩ)	Output	Part Number
	L	D					
Un 400Vdc I _{rms} 250Vac							
20	40	44	70	27	3.5	M6	140FAA206K40P
25	50	47	60	32	3.0	M6	140FAA256K50P
30	50	50	60	37	2.8	M6	140FAA306K50P
40	50	58	60	46	2.5	M6	140FAA406K50P
50	50	64	60	54	2.2	M6	140FAA506K50P
60	60	57	60	46	2.9	M6	140FAA606K60P
80	60	66	60	56	2.0	M6	140FAA806K60P
100	60	74	60	66	1.8	M6	140FAA107K60P
150	60	90	60	90	1.6	M8	140FAA157K60Y
200	60	104	60	100	1.2	M8	140FAA207K60Y
Un 800Vdc I _{rms} 400Vac							
10	40	42	80	25	4.5	M6	180FAA106K40P
15	50	44	70	32	3.3	M6	180FAA156K50P
20	50	52	70	40	2.8	M6	180FAA206K50P
25	50	58	70	45	2.5	M6	180FAA256K50P
30	50	63	70	50	2.1	M6	180FAA306K50P
40	60	63	50	48	3.0	M6	180FAA406K60P
50	60	70	50	55	2.6	M6	180FAA506K60P
60	60	76	50	65	2.3	M6	180FAA606K60P
80	64	88	50	80	2.0	M8	180FAA806K64Y
100	64	98	50	95	1.8	M8	180FAA107K64Y
Un 1200Vdc I _{rms} 500Vac							
5.0	40	44	120	23	5.0	M6	212FAA505K40P
10	50	58	100	38	3.3	M6	212FAA106K50P
15	50	70	100	52	2.6	M6	212FAA156K50P
20	60	66	80	45	3.3	M6	212FAA206K60P
25	60	74	80	55	3.0	M6	212FAA256K60P
30	64	81	80	65	2.6	M8	212FAA306K64Y
40	64	93	80	78	2.3	M8	212FAA406K64Y
50	64	104	80	90	2.0	M8	212FAA506K64Y

*Special design available to meet your requirements

▲ Outline drawing



Style C

▲ FAC series Technical Data

CAP μF	Dimension (mm)		du/dt v/μs	Irms@60°C @10kHz (A)	ESR@1.0kHz (mΩ)	Part Number
	L	D				
Un 400Vdc Urms 250Vac						
3.0	37	21	74	9	8.5	140FAC305K37L#
5.0	37	26	74	13	5.8	140FAC505K37L#
10	44	30	60	16	5.4	140FAC106K44L#
20	44	41	60	27	3.5	140FAC206K44L#
25	44	47	60	32	2.6	140FAC256K44L#
30	60	41	30	27	4.0	140FAC306K60L#
40	60	48	30	34	3.1	140FAC406K60L#
50	60	53	30	40	2.5	140FAC506K60L#
60	60	58	30	46	2.4	140FAC606K60L#
Un 800Vdc Urms 400Vac						
2.0	37	22	110	10	11.0	180FAC205K37L#
3.0	37	27	110	14	7.5	180FAC305K37L#
5.0	37	34	110	16	6.0	180FAC505K37L#
10	44	37	70	22	4.0	180FAC106K44L#
15	44	45	70	31	3.0	180FAC156K44L#
20	60	45	50	30	3.5	180FAC206K60L#
25	60	50	50	35	3.0	180FAC256K60L#
30	60	55	50	40	2.5	180FAC306K60L#
40	60	63	50	50	2.3	180FAC406K60L#
Un 1200Vdc Urms 500Vac						
1.0	37	23	190	9	12.0	212FAC105K37L#
2.0	37	32	190	15	6.5	212FAC205K37L#
3.0	44	32	120	17	8.5	212FAC305K44L#
5.0	44	41	120	23	5.5	212FAC505K44L#
10	60	48	80	29	5.3	212FAC106K60L#
15	60	58	80	38	4.0	212FAC156K60L#
20	60	67	80	47	3.2	212FAC206K60L#

*Special design available to meet your requirements