

GENERAL TECHNICAL CHARACTERISTICS

Reference standards :	IEC 61071-60068
Dielectric :	Polypropylene film
Construction :	Extended metallized film. Non-inductive type
Coating :	Polyester tape wrapping. Dry construction. UL94V-0 material end fill
Leads:	Tinned copper wire

ELECTRICAL CHARACTERISTICS

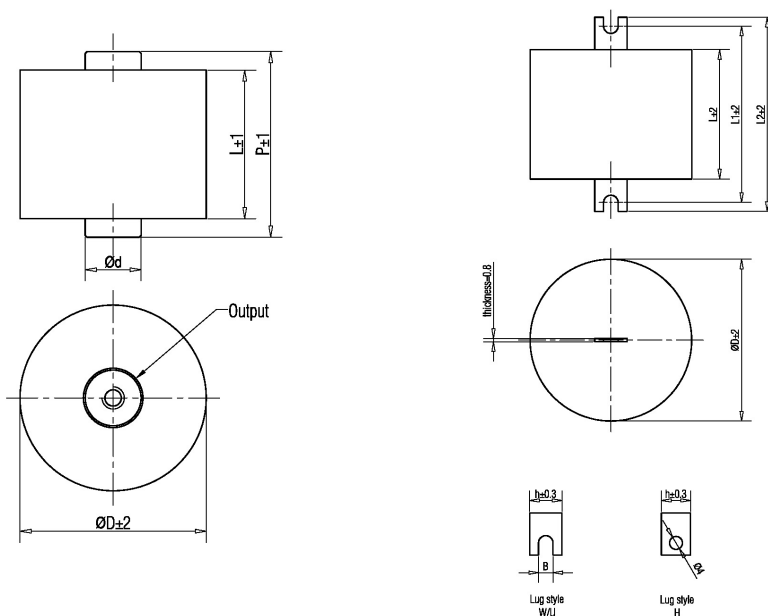
Operating temperature range :	- 40 to + 85 °C (case)
Capacitance :	1.0 to 200 μ F
Rated Voltage :	400 ,800,1000VDC (permissible AC voltage at 60Hz 250.400,500VAC)
Tolerance :	$\pm 5\%$, $\pm 10\%$
Dissipation factor:	$\leq 10 \times 10^{-4}$ Measured at 100 Hz and $20 \pm 5^\circ \text{C}$
Life expectancy :	100,000 hours at Un and 70 °C (Hotspot temperature)

TEST METHODS AND PERFORMANCES

Dielectric strength:	1.6Un (DC) applied to 10s at $20 \pm 5^\circ \text{C}$ (1 minute for type test)
Test voltage terminal to case :	3KVAC/50Hz for 60s
Insulation resistance :	$\geq 5000\text{s}$, (typical value), after 1 minute of electrification at 100VDC ($20 \pm 5^\circ \text{C}$)

ORDERING CODE

Please refer to Page 10, item G



	Lug Style W		Lug Style U		Lug Style H	
	L1	L2	L1	L2	L1	L2
L=35mm	/		L+24	L+34	L+15	L+22
L=44mm	/		L+24	L+34	L+15	L+22
L=60mm	L+18	L+32	L+32	L+32	L+15	L+22

S or F for threaded insert				L for Lug	
S5	F6	F8	LH	LU	LW
d= 14mm	d= 15mm	d= 18mm	h=9 mm	h=10 mm	h=14 mm
				B=4.5 mm	B=6.5 mm

Electrical specifications, ordering codes

Outputs : threaded insert M5, M6 or M8

Ordering Code	Cap (μF)	Dimension			du/dt (v/μs)	I _{rms} @60°C @10KHZ(A)	ESR@1.0kHz (mΩ)	Output
		D	L	P				Insert
Un 400VDC , Urms 250VAC								
SLA-400-20-50S5#	20	41	50	62	60	27	3.2	M5*8
SLA-400-25-50F6#	25	47	50	62	60	32	2.7	M6*8
SLA-400-30-50F6#	30	50	50	62	60	37	2.5	M6*8
SLA-400-40-50F6#	40	58	50	62	60	46	2.1	M6*8
SLA-400-50-50F8#	50	64	50	62	60	54	1.9	M8*8
SLA-400-50-64F6#	50	53	64	77	30	40	2.7	M6*8
SLA-400-60-64F6#	60	58	64	77	30	46	2.4	M6*8
SLA-400-80-64F8#	80	66	64	77	30	56	2.1	M8*8
SLA-400-100-64F8#	100	74	64	77	30	66	1.9	M8*8
SLA-400-150-64F8	150	90	64	77	30	90	1.6	M8*8
SLA-400-200-64F8	200	104	64	77	30	100	1.2	M8*8
Un 800VDC , Urms 400VAC								
SLA-800-10-50S5#	10	36.5	50	62	70	23	4.3	M5*8
SLA-800-15-50F6#	15	45	50	62	70	32	3.2	M6*8
SLA-800-20-50F6#	20	52	50	62	70	39	2.6	M6*8
SLA-800-25-50F6#	25	58	50	62	70	46	2.3	M6*8
SLA-800-30-50F8#	30	63	50	62	70	52	2.1	M8*8
SLA-800-30-64F6#	30	55	64	77	50	39	3.1	M6*8
SLA-800-40-64F8#	40	63	64	77	50	48	2.6	M8*8
SLA-800-50-64F8#	50	70	64	77	50	57	2.3	M8*8
SLA-800-60-64F8#	60	76	64	77	50	65	2.1	M8*8
SLA-800-80-64F8	80	88	64	77	50	80	1.8	M8*8
SLA-800-100-64F8	100	98	64	77	50	95	1.6	M8*8
Un 1000VDC , Urms 500VAC								
SLA-1000-5.0-50S5#	5.0	41	50	62	120	23	5.4	M5*8
SLA-1000-10-50F6#	10	58	50	62	120	38	3.2	M6*8
SLA-1000-15-50F8#	15	70	50	62	120	52	2.5	M8*8
SLA-1000-15-64F6#	15	58	64	77	80	38	3.9	M6*8
SLA-1000-20-64F8#	20	66	64	77	80	47	3.1	M8*8
SLA-1000-25-64F8#	25	74	64	77	80	56	2.7	M8*8
SLA-1000-30-64F8	30	81	64	77	80	64	2.4	M8*8
SLA-1000-40-64F8	40	93	64	77	80	79	2.1	M8*8
SLA-1000-50-64F8	50	104	64	77	80	90	1.9	M8*8

Electrical specifications, ordering codes

Outputs : Lug

Ordering Code	Cap (μ F)	Dimension		Du/dt (v/ μ s)	Irms@60°C @10KHZ(A)	ESR@1.0kH z (m Ω)	Output (Lug)	
		D	L				h	Style
Un 400VDC , Urms 250VAC								
SLA-400-3.0-35LH	3.0	21	35	74	9	8.7	9	H
SLA-400-5.0-35LH	5.0	26	35	74	13	5.6	9	H
SLA-400-5.0-44LH	5.0	22	44	60	10	9.7	9	H
SLA-400-10-44LH	10	30	44	60	16	5.4	9	H
SLA-400-10-60LH	10	25	60	30	12	9.6	9	H
SLA-400-15-44LH	15	36	44	60	22	3.9	9	H
SLA-400-15-60LH	15	30	60	30	16	6.7	9	H
SLA-400-20-44LU	20	41	44	60	27	3.2	10	U
SLA-400-20-60LU	20	34	60	30	20	5.3	10	U
SLA-400-25-44LU	25	47	44	60	32	2.7	10	U
SLA-400-25-60LU	25	37	60	30	23	4.4	10	U
SLA-400-30-44LU	30	50	44	60	36	2.5	10	U
SLA-400-30-60LU	30	41	60	30	27	3.9	10	U
SLA-400-40-44LU	40	58	44	60	45	2.1	10	U
SLA-400-40-60LU	40	48	60	30	34	3.1	10	U
SLA-400-50-60LW	50	53	60	30	40	2.7	14	W
SLA-400-60-60LW	60	58	60	30	46	2.4	14	W
Un 800VDC , Urms 400VAC								
SLA-800-2.0-35LH	2.0	22	35	110	10	10.8	9	H
SLA-800-3.0-35LH	3.0	27	35	110	14	7.5	9	H
SLA-800-5.0-35LH	5.0	34	35	70	16	5.9	9	H
SLA-800-5.0-44LH	5.0	27	44	50	10	10.6	9	H
SLA-800-10-44LU	10	36.5	44	70	22	3.8	10	U
SLA-800-10-60LU	10	30	60	50	17	5.8	10	U
SLA-800-15-44LU	15	45	44	70	31	2.9	10	U
SLA-800-15-60LU	15	39	60	50	23	4.2	10	U
SLA-800-20-44LU	20	51	44	70	38	2.4	10	U
SLA-800-20-60LU	20	45	60	50	30	3.4	10	U
SLA-800-25-60LU	25	50	60	50	35	2.9	10	U
SLA-800-30-60LW	30	55	60	50	40	2.6	14	W
SLA-800-40-60LW	40	63	60	50	49	2.2	14	W
Un 1000VDC , Urms 500VAC								
SLA-1000-1.0-35LH	1.0	23	35	190	9	12.5	9	H
SLA-1000-2.0-35LH	2.0	32	35	190	15	6.7	9	H
SLA-1000-2.0-44LH	2.0	27	44	120	11	11.9	9	H
SLA-1000-3.0-44LH	3.0	32	44	120	17	8.3	9	H
SLA-1000-3.0-60LH	3.0	27	60	80	13	15.3	9	H
SLA-1000-5.0-44LU	5.0	41	44	120	23	5.4	10	U
SLA-1000-5.0-60LU	5.0	34	60	80	17	9.6	10	U
SLA-1000-10-60LU	10	48	60	80	29	5.3	10	U
SLA-1000-15-60LW	15	58	60	80	38	3.9	14	W
SLA-1000-20-60LW	20	67	60	80	47	3.1	14	W