

GENERAL TECHNICAL CHARACTERISTICS

Reference standards : IEC 61071-60068
 Dielectric : Polypropylene film
 Construction : Dry construction, filled by solid resin,
 Non-inductive type
 Case : Polyester tape wrapping, UL94V0

ELECTRICAL CHARACTERISTICS

Working temperature : -40 to +85 °C
 Capacitance : 10 to 300µF
 Rated Voltage : 700 to 1800 Vdc
 Tolerance : ± 10%

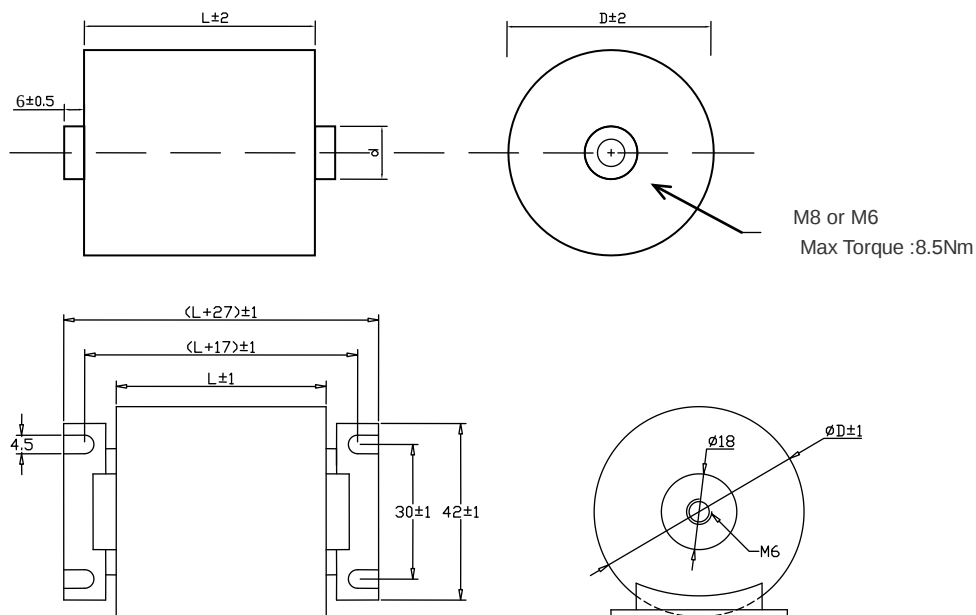
TEST METHODS AND PERFORMANCES

Test voltage between terminals : 1.5xUn for 10s at 25 °C
 Test voltage terminal to case : 3 KV 50Hz for 2sec

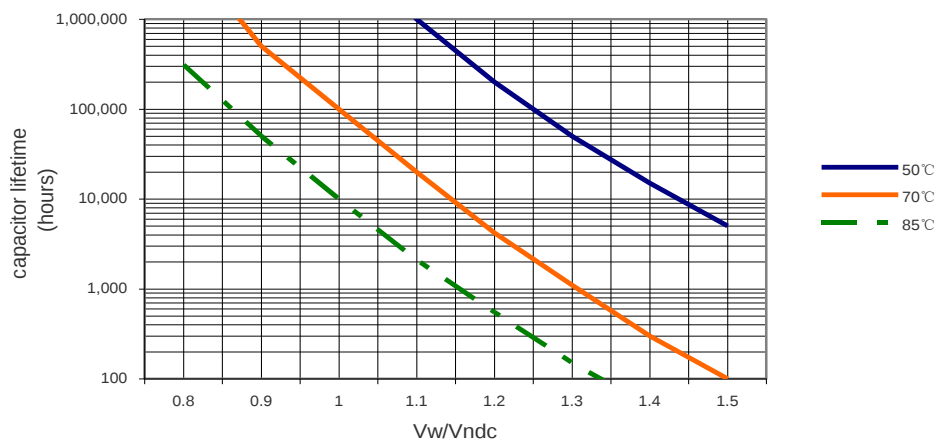


DESIGN

Outputs : threaded insert M6 or M8 filled with resin
 Also available with self extinguishing plastic case UL94V0



LIFETIME EXPECTANCY vs HOT SPOT TEMPERATURE AND VOLTAGE



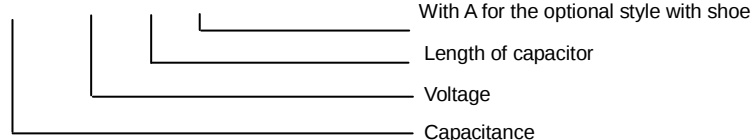
Vw : permanent working or operating DC-voltage

Electrical specifications, ordering codes

Part Nubmer	Capacitance (μ F)	Diameter (mm)	Length (mm)	Output	Du/dt (V/ μ s)	Irms max. (A)	ESR (m Ω)
Vn dc 700V							
SHA-700-50	50	45	64	M6X8	23	22	4.6
SHA-700-80	80	56	64	M6X8	23	34	3.2
SHA-700-80	80	51	74	M6X8	19	28	4.2
SHA-700-100	100	57	74	M6X8	19	35	3.5
SHA-700-125	125	63	74	M8X8	19	43	3.0
SHA-700-150	150	69	74	M8X8	19	52	2.7
SHA-700-200	200	79	74	M8X8	19	68	2.3
SHA-700-200	200	70	90	M8X8	15	54	2.9
SHA-700-250	250	79	90	M8X8	15	67	2.5
SHA-700-300	300	86	90	M8X8	15	80	2.3
Vn dc 900V							
SHA-900-35	35	45	64	M6X8	30	21	5.2
SHA-900-50	50	54	64	M6X8	30	29	4.0
SHA-900-50	50	49	74	M6X8	24	24	5.2
SHA-900-80	80	61	74	M8X8	24	38	3.6
SHA-900-100	100	68	74	M8X8	24	47	3.1
SHA-900-100	100	60	90	M8X8	19	37	4.2
SHA-900-125	125	67	90	M8X8	19	46	3.6
SHA-900-150	150	73	90	M8X8	19	55	3.1
SHA-900-200	200	84	90	M8X8	19	74	2.6
Vn dc 1100V							
SHA-1100-25	25	48	64	M6X8	42	22	5.7
SHA-1100-35	35	56	64	M6X8	42	30	4.4
SHA-1100-50	50	60	74	M8X8	34	35	4.4
SHA-1100-80	80	75	74	M8X8	34	56	3.1
SHA-1100-80	80	67	90	M8X8	27	44	4.2
SHA-1100-100	100	75	90	M8X8	27	55	3.6
SHA-1100-125	125	83	90	M8X8	27	68	3.1
Vn dc 1400V							
SHA-1400-15	15	44	64	M6X8	55	18	7.6
SHA-1400-25	25	57	64	M6X8	55	30	5.0
SHA-1400-25	25	51	74	M6X8	45	24	6.6
SHA-1400-35	35	60	74	M8X8	45	34	5.0
SHA-1400-50	50	72	74	M8X8	45	48	3.8
SHA-1400-50	50	64	90	M8X8	35	38	5.3
SHA-1400-80	80	80	90	M8X8	35	60	3.7
Vn dc 1800V							
SHA-1800-10	10	48	64	M6X8	85	20	8.4
SHA-1800-15	15	58	64	M6X8	85	29	5.9
SHA-1800-15	15	53	74	M6X8	69	24	8.0
SHA-1800-25	25	68	74	M8X8	69	40	5.2
SHA-1800-35	35	80	74	M8X8	69	55	4.0
SHA-1800-35	35	71	90	M8X8	54	44	5.6
SHA-1800-50	50	84	90	M8X8	54	62	4.2

How to Order:

SHA – 700 -50 – * #



Different values ,Custom design available upon request