

GENERAL TECHNICAL CHARACTERISTICS

Reference standards :	IEC 61071 60068
Dielectric :	Polypropylene film
Construction :	Extended metallized film with internal series connection. Non-inductive type.
Coating :	Polyester tape wrapping, UL94V-0 material end fill. Dry construction
Leads:	Threaded insert M6 or M8 filled with resin

ELECTRICAL CHARACTERISTICS

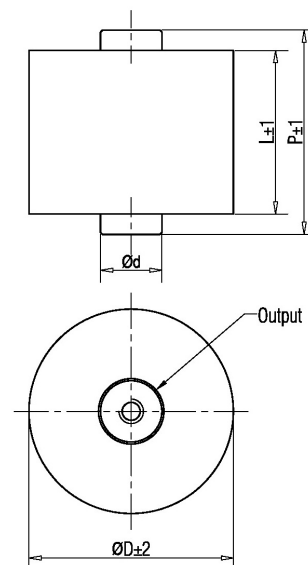
Operating temperature range :	- 40 to + 85 °C (case)
Capacitance :	0.5 to 12 μ F
Rated Voltage :	400 to 700 VAC
Tolerance :	$\pm 5\%$, $\pm 10\%$
Dissipation factor:	5×10^{-4} Measured at 1000 ± 20 Hz and 20 $\pm 5^\circ$ C
Life expectancy :	100,000 hours at Un and 70 °C (Hotspot temperature).

TEST METHODS AND PERFORMANCES

Dielectric strength:	1.5Un (AC) applied to 10s at 20 $\pm 5^\circ$ C
Test voltage terminal to case :	3KVAC/50Hz for 60s
Insulation resistance :	30000s but need not exceed 30G Ω (typical value), after 1 minute of electrification at 100VDC (20 $\pm 5^\circ$ C)

ORDERING CODE

Please refer to Page 10, item D



M6*8	M8*8
d= 15mm	d= 18mm

Electrical specifications,ordering codes

Ordering Code	Cap (μ F)	Urms (V.ac)	D (mm)	L (mm)	P (mm)	Output	du/dt (v/ μ s)	Irms@60°C 10KHZ(A)	ESR@10kHz (m Ω)	Rth (k/w)
Urms 700VAC , Un 2000VDC , Upeak 990V										
SCD-700-0.50-37F6	0.50	700	42	37	48	M6*8	1190	36	1.5	11.7
SCD-700-1.0-40F6	1.0	700	54	40	52	M6*8	1190	50	1.3	7.5
SCD-700-1.5-40F8	1.5	700	66	40	52	M8*8	1190	64	1.2	5.5
SCD-700-2.0-40F8	2.0	700	76	40	52	M8*8	1190	77	1.1	4.4
SCD-700-2.5-40F8	2.5	700	85	40	52	M8*8	1190	87	1.0	3.6
SCD-700-4.0-50F8	4.0	700	84	50	63	M8*8	840	87	1.2	3.2
Urms 500VAC , Un 1200VDC , Upeak 710V										
SCD-500-1.0-37F6	1.0	500	43	37	48	M6*8	660	40	1.5	11.4
SCD-500-2.0-40F6	2.0	500	49	40	52	M6*8	570	49	1.2	8.6
SCD-500-3.0-40F6	3.0	500	60	40	52	M6*8	570	62	1.1	6.4
SCD-500-4.0-40F8	4.0	500	59	40	52	M8*8	570	73	1.1	5.1
SCD-500-5.0-40F8	5.0	500	76	40	52	M8*8	570	82	1.0	4.3
SCD-500-6.0-40F8	6.0	500	83	40	52	M8*8	570	91	1.0	3.7
SCD-500-10-50F8	10	500	84	50	63	M8*8	470	95	1.3	3.2
Urms 400VAC , Un 1000VDC , Upeak 565V										
SCD-400-1.5-37F6	1.5	400	44	37	48	M6*8	540	43	1.1	11.0
SCD-400-3.0-40F6	3.0	400	54	40	52	M6*8	490	57	1.0	7.4
SCD-400-4.0-40F6	4.0	400	62	40	52	M6*8	490	66	1.0	6.0
SCD-400-6.0-40F8	6.0	400	76	40	52	M8*8	490	83	0.9	4.3
SCD-400-7.0-40F8	7.0	400	82	40	52	M8*8	490	90	0.9	3.8
SCD-400-12-50F8	12	400	82	50	63	M8*8	410	96	1.0	3.2