

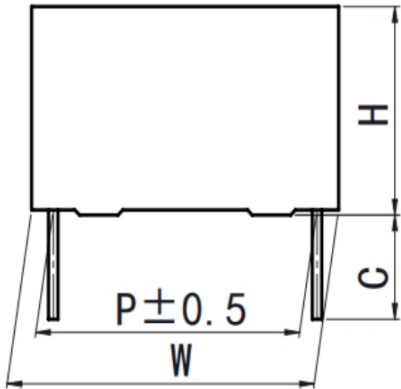
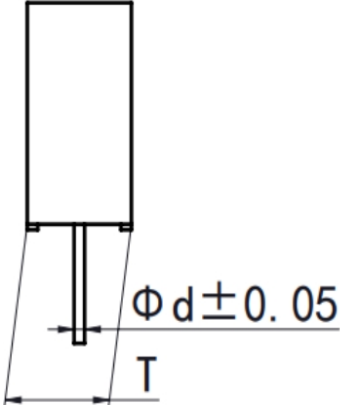
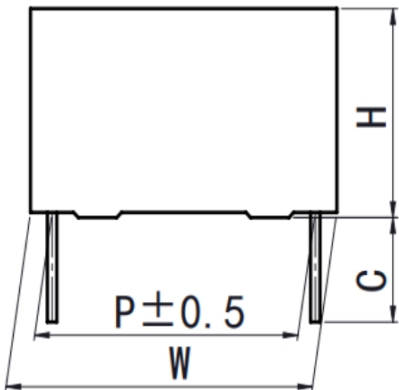
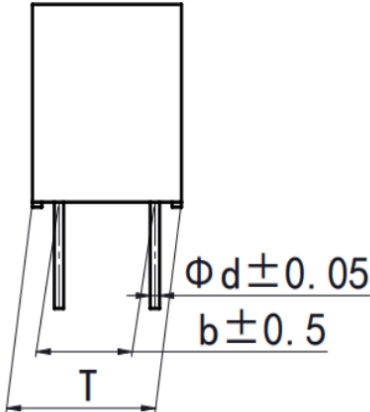
Part Number System

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
T	D	C	5	0	5	J	0	8	0	0	A	3	2	2	4	1	5	A	

Digit 1 to 3 第1~3位:	Series code 系列號	TDC
Digit 3 to 5 第4~6位	Rated capacitance value 標稱容量	105=10×10 ⁵ pF=1μF 505=5μF 705=7μF 706=70μF 107=100μF
Digit 7 第7位	Capacitance tolerance 容量偏差	J=±5%, K=±10%
Digit 8 to 11 第8~11位	D.C. rated voltage 直流額定電壓	0800=800V 0900=900V 1200=1200V
Digit 12 第12位	Terminals code 引出端代碼	A 2引線 B 4引線,b=10.2mm C 4引線,b=12.7mm D 4引線,b=20.3mm
Digit 13 to 18 第13~18位	Shell size (mm) 外殼尺寸(W*H*T)	322415: W=32mm,H=37mm,T=22mm
Digit 19 第19位	Pitch P 引線腳距 P	A=27.5mm, B=37.5mm, C=52.5mm
Digit 20 第20位	Special requirements 特殊要求	無=標準品, S=高溫高濕(雙85/黑殼), T=車規級

TDC series

Outline Drawing 外形圖

Style A	2pins
	
Style B	4pins
	

Mark (For Example) 標識

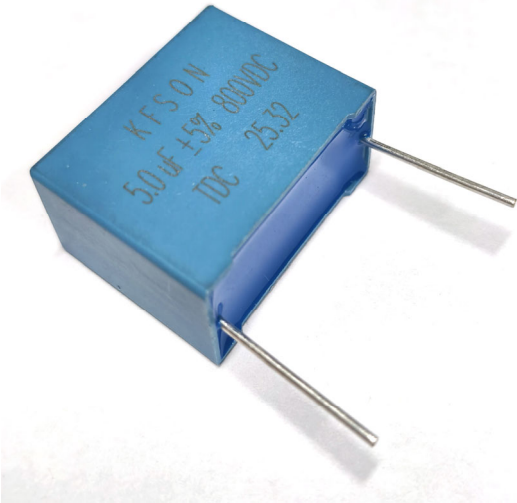
KFSON
5.0μF±5% 800VDC
TDC 25.22

KFSON: Manufacturer's name
5.0μF: Capacitance
±5%: Capacitance Tolerance
800VDC: Rated Voltage
TDC: Series code
25.22: Date Code; 25.22 Year=2025, Weeks=22

TDC series

Features 特點

- ◆Metallized polypropylene film structure
金屬化聚丙烯薄膜結構
- ◆ Plastic case (UL94 V-0), filled with resin
塑膠外殼封裝(UL94 V-0),樹脂填充
- ◆Excellent electric property
優異的電氣性能
- ◆Good Self-healing properties
良好的自愈性能



Application 應用場合

High performance DC filter applications
高性能直流濾波器的應用
Inverter, industrial and high-end power supply, solar ,charging piles, etc.
逆變器、工業和高端電源、太陽能逆變器、充電樁等

Specifications 規格表

Ltem 項目	Performance Characteristics 特性參數
ReferenceStandard 引用標準	GB/T17702 (IEC 61071)
ClimaticCategory 氣候類別	40/85/56
Operating Temperature Range 工作溫度範圍	-40°C~85°C
Voltage Range 電壓範圍	500Vdc~1200Vdc
Capacitance Range 容量範圍	0.68μF~140μF
Capacitance Tolerance 容量偏差	±5%(J), ±10%(K)
Test Voltage Between Terminals 耐電壓(兩極之間)	1.5 x U _N (10s, 20°C±5°C)
Maximum peak current Î (A)最大峰值電流	Î=C · dV/dt
Insulation Resistance 絕緣電阻 (IR×C _N)	≥10 000s(20°C, 100Vdc, 1min)
Expected lifetime 預期壽命	100000hours @U _N ,Θ _{HOTSPOT} =70°C

We can customize capacitors for you according to your needs
我們可以根據您的需求為您量身定制電容器

Standard Ratings 規格標準

500Vdc											
C _N	ESR _{@100kHz}	dV/dt	tanδ×(10 ⁻⁴)		I _{max}	W	H	T	P	b	d
μF	mΩ	(V/μs)	1kHz	10kHz	A	mm	mm	mm	mm	mm	mm
5.0	21.9	65	10	100	5.0	32.0	20.0	11.0	27.5	-	0.8
10.0	11.5	65	10	100	6.5	32.0	24.5	15.0	27.5	-	0.8
22.0	5.9	65	10	100	10.0	32.0	37.0	22.0	27.5	-	0.8
30.0	8.0	30	15	150	12.5	42.0	40.0	20.0	37.5	10.2	1.0
35.0	8.0	30	15	150	13.5	42.0	36.0	24.0	37.5	10.2	1.0
40.0	5.0	30	15	150	14.5	41.5	37.5	27.5	37.5	10.2	1.0
50.0	4.0	30	15	150	16.0	41.0	43.0	28.0	37.5	12.7	1.2
50.0	4.0	30	15	150	16.0	42.0	45.0	30.0	37.5	20.3	1.2
60.0	3.8	30	15	150	16.5	42.0	45.0	30.0	37.5	20.3	1.2
75.0	5.5	15	35	350	16.0	57.0	43.5	29.5	52.5	12.7	1.2
75.0	5.5	15	35	350	16.0	57.0	43.5	29.5	52.5	20.3	1.2
80.0	5.0	15	35	350	16.5	57.0	43.5	29.5	52.5	20.3	1.2
100.0	4.0	15	35	350	18.0	57.0	50.0	35.0	52.5	20.3	1.2
110.0	4.0	15	35	350	19.0	57.0	50.0	35.0	52.5	20.3	1.2

DC-Link Capacitor for PCB PCB用DC-Link電容器

TDC series



Standard Ratings 規格標準

600Vdc											
C _N	ESR _{@100kHz}	dV/dt	tanδ×(10 ⁻⁴)		I _{max}	W	H	T	P	b	d
μF	mΩ	(V/μs)	1kHz	10kHz	A	mm	mm	mm	mm	mm	mm
2.0	47.8	65	11	100	2.8	32.0	18.0	9.0	27.5	-	0.8
3.0	31.8	65	11	100	4.1	32.0	20.0	11.0	27.5	-	0.8
4.0	23.9	65	11	100	5.5	32.0	20.0	11.0	27.5	-	0.8
5.0	19.1	65	11	100	6.9	32.0	22.0	13.0	27.5	-	0.8
6.0	18.6	65	11	100	7.1	32.0	24.5	15.0	27.5	-	0.8
7.0	15.9	65	11	100	8.3	32.0	24.5	15.0	27.5	-	0.8
8.0	13.9	65	11	100	9.5	32.0	28.0	14.0	27.5	-	0.8
9.0	12.4	65	11	100	10.7	32.0	30.0	16.0	27.5	-	0.8
10.0	11.1	65	11	100	11.0	32.0	30.0	16.0	27.5	-	0.8
10.0	19.5	30	20	175	6.2	41.0	30.0	16.0	37.5	-	1.0
12.0	10.8	65	11	100	12.0	32.0	33.0	18.0	27.5	-	0.8
12.0	10.8	65	11	100	12.0	32.0	33.0	18.0	27.5	-	0.8
12.0	16.3	30	20	175	7.4	41.0	30.0	16.0	37.5	-	1.0
15.0	9.0	65	11	100	12.0	32.0	37.0	22.0	27.5	-	0.8
15.0	7.4	65	11	100	16.5	32.0	37.0	22.0	27.5	10.2	0.8
15.0	13.0	30	20	175	9.2	41.0	33.5	18.5	37.5	-	1.0
18.0	8.0	65	11	100	12.0	32.0	37.0	22.0	27.5	-	0.8
18.0	6.2	65	11	100	17.0	32.0	37.0	22.0	27.5	12.7	0.8
20.0	9.8	30	20	175	12.3	42.0	40.0	20.0	37.5	10.2	1.0
22.0	8.9	30	20	175	13.5	42.0	40.0	20.0	37.5	10.2	1.0
25.0	7.8	30	20	175	15.4	42.0	40.0	20.0	37.5	10.2	1.0
30.0	6.5	30	20	175	18.5	42.0	44.0	24.0	37.5	12.7	1.0
35.0	6.0	30	20	175	20.1	42.0	45.0	30.0	37.5	12.7	1.2
35.0	6.0	30	20	175	20.1	42.0	45.0	30.0	37.5	20.3	1.2
40.0	5.2	30	20	175	23.0	42.0	45.0	30.0	37.5	12.7	1.2
40.0	5.2	30	20	175	23.0	42.0	45.0	30.0	37.5	20.3	1.2
40.0	9.8	15	36	350	12.3	57.0	45.0	25.0	52.5	12.7	1.2
45.0	4.6	30	20	175	25.8	42.0	50.0	35.0	37.5	12.7	1.2
45.0	4.6	30	20	175	25.8	42.0	50.0	35.0	37.5	20.3	1.2
45.0	8.7	15	36	350	13.8	57.0	45.0	25.0	52.5	12.7	1.2

Standard Ratings 規格標準

600Vdc											
C _N	ESR _{@100kHz}	dV/dt	tanδ×(10 ⁻⁴)		I _{max}	W	H	T	P	b	d
μF	mΩ	(V/μs)	1kHz	10kHz	A	mm	mm	mm	mm	mm	mm
50.0	4.2	30	20	175	28.7	42.0	50.0	35.0	37.5	20.3	1.2
50.0	4.2	30	20	175	28.7	42.0	46.0	35.0	37.5	20.3	1.2
50.0	7.8	15	36	350	15.4	57.0	45.0	25.0	52.5	12.7	1.2
55.0	3.8	30	20	175	31.6	42.0	50.0	35.0	37.5	20.3	1.2
55.0	7.1	15	36	350	16.9	57.0	43.5	29.5	52.5	12.7	1.2
55.0	7.1	15	36	350	16.9	57.0	43.5	29.5	52.5	20.3	1.2
60.0	3.5	30	20	175	34.5	42.0	55.0	40.0	37.5	20.3	1.2
60.0	6.5	15	36	350	18.5	57.0	43.5	29.5	52.5	12.7	1.2
60.0	6.5	15	36	350	18.5	57.0	43.5	29.5	52.5	20.3	1.2
65.0	3.2	30	20	175	35.0	42.0	55.0	40.0	37.5	20.3	1.2
65.0	6.0	15	36	350	20.0	57.0	50.0	35.0	52.5	12.7	1.2
65.0	6.0	15	36	350	20.0	57.0	50.0	35.0	52.5	20.3	1.2
70.0	3.0	30	20	175	35.0	42.0	55.0	40.0	37.5	20.3	1.2
70.0	5.6	15	36	350	21.5	57.0	50.0	35.0	52.5	20.3	1.2
75.0	2.8	30	20	175	35.0	42.0	60.0	45.0	37.5	20.3	1.2
75.0	5.2	15	36	350	23.1	57.0	50.0	35.0	52.5	20.3	1.2
80.0	2.6	30	20	175	35.0	42.0	60.0	45.0	37.5	20.3	1.2
80.0	4.9	15	36	350	24.6	57.0	50.0	35.0	52.5	20.3	1.2
85.0	2.5	30	20	175	35.0	42.0	60.0	45.0	37.5	20.3	1.2
85.0	4.8	15	36	350	25.1	57.0	55.0	45.0	52.5	20.3	1.2
90.0	4.6	15	36	350	25.8	57.0	55.0	45.0	52.5	20.3	1.2
95.0	4.4	15	36	350	27.3	57.0	55.0	45.0	52.5	20.3	1.2
100.0	4.2	15	36	350	28.7	57.0	55.0	45.0	52.5	20.3	1.2
110.0	3.8	15	36	350	31.6	57.0	55.0	45.0	52.5	20.3	1.2
120.0	3.5	15	36	350	34.5	57.0	65.0	45.0	52.5	20.3	1.2
130.0	3.2	15	36	350	35.0	57.0	65.0	45.0	52.5	20.3	1.2
140.0	3.0	15	36	350	35.0	57.0	65.0	45.0	52.5	20.3	1.2

Standard Ratings 規格標準

800Vdc											
C _N	ESR _{@100kHz}	dV/dt	tanδ×(10 ⁻⁴)		I _{max}	W	H	T	P	b	d
μF	mΩ	(V/μs)	1kHz	10kHz	A	mm	mm	mm	mm	mm	mm
2.0	45.4	65	10	95	2.9	32.0	18.0	9.0	27.5	-	0.8
3.0	30.3	65	10	95	4.4	32.0	20.0	11.0	27.5	-	0.8
3.3	18.8	65	10	95	7.0	32.0	30.0	16.0	27.5	-	0.8
4.0	22.7	65	10	95	5.8	32.0	25.0	13.0	27.5	-	0.8
5.0	18.2	65	10	95	7.3	32.0	24.5	15.0	27.5	-	0.8
6.0	15.1	65	10	95	8.7	32.0	30.0	16.0	27.5	-	0.8
7.0	13.0	65	10	95	10.2	32.0	30.0	16.0	27.5	-	0.8
8.0	12.5	65	10	95	10.5	32.0	33.0	18.0	27.5	-	0.8
8.0	22.3	30	18	160	5.4	41.0	30.0	16.0	37.5	-	1.0
9.0	11.1	65	10	95	11.8	32.0	33.0	18.0	27.5	-	0.8
9.0	19.8	30	18	160	6.1	41.0	30.0	16.0	37.5	-	1.0
10.0	11.0	65	10	95	12.0	32.0	37.0	22.0	27.5	-	0.8
10.0	11.0	65	10	95	13.0	32.0	37.0	22.0	27.5	-	1.0
10.0	9.1	65	10	95	14.5	32.0	37.0	22.0	27.5	10.2	0.8
10.0	17.8	30	18	160	6.7	41.0	33.5	18.5	37.5	-	1.0
11.0	10.0	65	10	95	12.0	32.0	37.0	22.0	27.5	-	0.8
11.0	8.3	65	10	95	16.0	32.0	37.0	22.0	27.5	10.2	0.8
12.0	9.3	65	10	95	12.0	32.0	37.0	22.0	27.5	-	0.8
12.0	7.6	65	10	95	16.0	32.0	37.0	22.0	27.5	10.2	0.8
12.0	14.9	30	18	160	8.1	41.0	33.5	18.5	37.5	-	1.0
13.0	8.8	65	10	95	12.0	32.0	37.0	22.0	27.5	-	0.8
13.0	8.1	65	10	95	16.2	32.0	37.0	22.0	27.5	12.7	0.8
14.0	8.2	65	10	95	12.0	32.0	37.0	22.0	27.5	-	0.8
14.0	7.6	65	10	95	16.5	32.0	37.0	22.0	27.5	12.7	0.8
14.0	13.8	30	18	160	9.4	41.0	33.5	18.5	37.5	-	1.0
15.0	11.9	30	18	160	10.1	42.0	40.0	20.0	37.5	10.2	1.0
20.0	8.9	30	18	160	13.5	42.0	44.0	24.0	37.5	12.7	1.0
22.0	7.5	65	10	95	15.0	32.0	55.0	22.0	27.5	-	1.0
25.0	7.1	30	18	160	16.8	42.0	44.0	24.0	37.5	12.7	1.0
25.0	14.3	15	33	320	8.4	57.0	45.0	25.0	52.5	12.7	1.2

DC-Link Capacitor for PCB PCB用DC-Link電容器

TDC series



Standard Ratings 規格標準

800Vdc											
C _N	ESR _{@100kHz}	dV/dt	tanδ×(10 ⁻⁴)		I _{max}	W	H	T	P	b	d
μF	mΩ	(V/μs)	1kHz	10kHz	A	mm	mm	mm	mm	mm	mm
30.0	5.9	30	18	160	20.2	42.0	45.0	30.0	37.5	12.7	1.2
30.0	5.9	30	18	160	20.2	42.0	45.0	30.0	37.5	20.3	1.2
30.0	11.9	15	33	320	10.1	57.0	45.0	25.0	52.5	12.7	1.2
35.0	5.5	30	18	160	22.0	42.0	50.0	35.0	37.5	20.3	1.2
35.0	10.2	15	33	320	11.8	57.0	45.0	25.0	52.5	12.7	1.2
40.0	4.8	30	18	160	25.1	42.0	50.0	35.0	37.5	20.3	1.2
40.0	8.9	15	33	320	13.5	57.0	43.5	29.5	52.5	12.7	1.2
40.0	8.9	15	33	320	13.5	57.0	43.5	29.5	52.5	20.3	1.2
45.0	4.2	30	18	160	28.3	42.0	55.0	40.0	37.5	20.3	1.2
45.0	7.9	15	33	320	15.1	57.0	43.5	29.5	52.5	12.7	1.2
45.0	7.9	15	33	320	15.1	57.0	43.5	29.5	52.5	20.3	1.2
50.0	3.8	30	18	160	31.4	42.0	55.0	40.0	37.5	20.3	1.2
50.0	7.1	15	33	320	16.8	57.0	50.0	35.0	52.5	12.7	1.2
50.0	7.1	15	33	320	16.8	57.0	50.0	35.0	52.5	20.3	1.2
50.0	7.1	15	33	320	16.8	57.0	45.0	30.0	52.5	20.3	1.2
55.0	3.5	30	18	160	34.5	42.0	60.0	45.0	37.5	20.3	1.2
55.0	6.5	15	33	320	18.5	57.0	50.0	35.0	52.5	20.3	1.2
60.0	3.2	30	18	160	35.0	42.0	60.0	45.0	37.5	20.3	1.2
60.0	5.9	15	33	320	20.2	57.0	50.0	35.0	52.5	20.3	1.2
65.0	2.9	30	18	160	35.0	42.0	60.0	45.0	37.5	20.3	1.2
65.0	5.5	15	33	320	21.9	57.0	55.0	45.0	52.5	20.3	1.2
70.0	5.1	15	33	320	23.6	57.0	55.0	45.0	52.5	20.3	1.2
75.0	4.8	15	33	320	25.2	57.0	55.0	45.0	52.5	20.3	1.2
80.0	4.6	15	33	320	25.9	57.0	55.0	45.0	52.5	20.3	1.2
85.0	4.5	15	33	320	26.7	57.0	55.0	45.0	52.5	20.3	1.2
90.0	4.2	15	33	320	28.3	57.0	55.0	45.0	52.5	20.3	1.2
95.0	4.0	15	33	320	29.8	57.0	65.0	45.0	52.5	20.3	1.2
100.0	3.8	15	33	320	31.4	57.0	65.0	45.0	52.5	20.3	1.2
110.0	3.5	15	33	320	34.5	57.0	65.0	45.0	52.5	20.3	1.2

DC-Link Capacitor for PCB PCB用DC-Link電容器

TDC series



Standard Ratings 規格標準

900Vdc											
C _N	ESR _{@100kHz}	dV/dt	tanδ×(10 ⁻⁴)		I _{max}	W	H	T	P	b	d
μF	mΩ	(V/μs)	1kHz	10kHz	A	mm	mm	mm	mm	mm	mm
1.0	86.0	70	9	90	1.5	32.0	18.0	9.0	27.5	-	0.8
2.0	43.0	70	9	90	3.1	32.0	20.0	11.0	27.5	-	0.8
3.0	28.7	70	9	90	4.6	32.0	22.0	13.0	27.5	-	0.8
4.0	21.5	70	9	90	6.1	32.0	24.5	15.0	27.5	-	0.8
4.7	35.6	35	17	150	3.4	41.0	26.0	15.0	37.5	-	1.0
5.0	17.2	70	9	90	7.7	32.0	30.0	16.0	27.5	-	0.8
5.0	33.4	35	17	150	3.6	41.0	30.0	16.0	37.5	-	1.0
6.0	18.0	70	9	90	6.9	32.0	33.0	18.0	27.5	-	0.8
6.0	27.9	35	17	150	4.3	41.0	30.0	16.0	37.5	-	1.0
7.0	13.0	70	9	90	10.2	32.0	33.0	18.0	27.5	-	0.8
7.0	23.9	35	17	150	5.0	41.0	30.0	16.0	37.5	-	1.0
8.0	11.5	70	9	90	11.4	32.0	37.0	22.0	27.5	-	0.8
8.0	10.7	70	9	90	12.3	32.0	37.0	22.0	27.5	10.2	0.8
8.0	20.9	35	17	150	5.7	41.0	33.5	18.5	37.5	-	1.0
9.0	10.4	70	9	90	12.0	32.0	37.0	22.0	27.5	-	0.8
9.0	9.6	70	9	90	13.8	32.0	37.0	22.0	27.5	12.7	0.8
10.0	12.0	70	9	90	12.2	32.0	37.0	22.0	27.5	-	0.8
10.0	8.6	70	9	90	15.4	32.0	37.0	22.0	27.5	12.7	0.8
10.0	16.7	35	17	150	7.2	42.0	40.0	20.0	37.5	10.2	1.0
12.0	13.9	35	17	150	8.6	41.0	37.0	22.0	37.5	10.2	1.0
15.0	11.1	35	17	150	10.8	42.0	44.0	24.0	37.5	12.7	1.0
15.0	22.3	15	31	300	5.4	57.0	45.0	25.0	52.5	10.2	1.2
18.0	9.3	35	17	150	12.9	42.0	44.0	24.0	37.5	12.7	1.0
20.0	8.4	35	17	150	14.4	42.0	44.0	24.0	37.5	12.7	1.0
20.0	16.7	15	31	300	7.2	57.0	45.0	25.0	52.5	12.7	1.2
25.0	6.7	35	17	150	17.9	42.0	45.0	30.0	37.5	12.7	1.2
25.0	6.7	35	17	150	17.9	42.0	45.0	30.0	37.5	20.3	1.2
25.0	13.4	15	31	300	9.0	57.0	45.0	25.0	52.5	12.7	1.2

Standard Ratings 規格標準

900Vdc											
C _N	ESR _{@100kHz}	dV/dt	tanδ×(10 ⁻⁴)		I _{max}	W	H	T	P	b	d
μF	mΩ	(V/μs)	1kHz	10kHz	A	mm	mm	mm	mm	mm	mm
30.0	5.6	35	17	150	21.5	42.0	50.0	35.0	37.5	20.3	1.2
30.0	11.1	15	31	300	10.8	57.0	43.5	29.5	52.5	12.7	1.2
30.0	11.1	15	31	300	10.8	57.0	43.5	29.5	52.5	20.3	1.2
35.0	5.1	35	17	150	23.4	42.0	55.0	40.0	37.5	20.3	1.2
35.0	9.6	15	31	300	12.6	57.0	43.5	29.5	52.5	12.7	1.2
35.0	9.6	15	31	300	12.6	57.0	43.5	29.5	52.5	20.3	1.2
40.0	4.5	35	17	150	26.8	42.0	55.0	40.0	37.5	20.3	1.2
40.0	8.4	15	31	300	14.4	57.0	50.0	35.0	52.5	20.3	1.2
45.0	4.0	35	17	150	30.1	42.0	60.0	45.0	37.5	20.3	1.2
45.0	7.4	15	31	300	16.1	57.0	50.0	35.0	52.5	20.3	1.2
50.0	3.6	35	17	150	33.5	42.0	60.0	45.0	37.5	20.3	1.2
50.0	6.7	15	31	300	17.9	57.0	50.0	35.0	52.5	20.3	1.2
55.0	6.1	15	31	300	19.7	57.0	55.0	45.0	52.5	20.3	1.2
60.0	5.6	15	31	300	21.5	57.0	55.0	45.0	52.5	20.3	1.2
65.0	5.1	15	31	300	23.3	57.0	55.0	45.0	52.5	20.3	1.2
70.0	4.8	15	31	300	25.1	57.0	65.0	45.0	52.5	20.3	1.2
75.0	4.7	15	31	300	25.7	57.0	65.0	45.0	52.5	20.3	1.2
80.0	4.5	15	31	300	26.8	57.0	65.0	45.0	52.5	20.3	1.2
85.0	4.2	15	31	300	28.5	57.0	65.0	45.0	52.5	20.3	1.2

DC-Link Capacitor for PCB PCB用DC-Link電容器

TDC series



Standard Ratings 規格標準

1000Vdc											
C _N	ESR _{@100kHz}	dV/dt	tanδ×(10 ⁻⁴)		I _{max}	W	H	T	P	b	d
μF	mΩ	(V/μs)	1kHz	10kHz	A	mm	mm	mm	mm	mm	mm
0.68	80.0	80	8	70	1.7	32.0	20.0	11.0	27.5	-	0.8
1.0	76.4	75	8	80	1.7	32.0	18.0	9.0	27.5	-	0.8
1.0	59.4	80	8	70	2.2	32.0	20.0	11.0	27.5	-	0.8
1.5	55.7	80	8	70	2.4	32.0	22.0	13.0	27.5	-	0.8
2.0	38.2	75	8	80	3.5	32.0	22.0	13.0	27.5	-	0.8
2.0	27.9	80	8	70	4.7	32.0	25.0	13.0	27.5	-	0.8
2.0	27.9	80	8	70	4.7	32.0	25.0	13.0	27.5	-	0.8
3.0	25.5	75	8	80	5.2	32.0	24.5	15.0	27.5	-	0.8
3.0	20.4	80	8	70	6.5	32.0	30.0	16.0	27.5	-	0.8
3.0	48.3	40	15	130	2.5	41.0	30.0	16.0	37.5	-	1.0
4.0	19.1	75	8	80	6.9	32.0	30.0	16.0	27.5	-	0.8
4.0	15.3	80	8	70	8.6	32.0	33.0	18.0	27.5	-	0.8
4.0	36.2	40	15	130	3.3	41.0	30.0	16.0	37.5	-	1.0
4.7	30.8	40	15	130	3.9	41.0	33.5	18.5	37.5	-	1.0
5.0	15.3	75	8	80	8.6	32.0	33.0	18.0	27.5	-	0.8
5.0	31.2	37	15	140	3.8	41.0	30.0	16.0	37.5	-	1.0
5.0	14.0	80	8	70	9.8	32.0	37.0	22.0	27.5	-	0.8
5.0	12.3	80	8	70	10.8	32.0	37.0	22.0	27.5	10.2	0.8
5.0	29.0	40	15	130	4.1	41.0	33.5	18.5	37.5	-	1.0
6.0	14.9	75	8	80	8.9	32.0	33.0	18.0	27.5	-	0.8
6.0	26.0	37	15	140	4.6	41.0	30.0	16.0	37.5	-	1.0
6.0	12.3	80	8	70	10.8	32.0	37.0	22.0	27.5	-	0.8
6.0	10.2	80	8	70	12.9	32.0	37.0	22.0	27.5	10.2	0.8
6.0	24.2	40	15	130	5.0	41.0	33.5	18.5	37.5	-	1.0
7.0	14.5	75	8	80	9.4	32.0	37.0	22.0	27.5	-	0.8
7.0	11.4	75	8	80	11.6	32.0	37.0	22.0	27.5	12.7	0.8
7.0	22.3	37	15	140	5.4	41.0	33.5	18.5	37.5	-	1.0
7.0	20.7	40	15	130	5.8	42.0	40.0	20.0	37.5	10.2	1.0

DC-Link Capacitor for PCB PCB用DC-Link電容器

TDC series



Standard Ratings 規格標準

1000Vdc											
C _N	ESR _{@100kHz}	dV/dt	tanδ×(10 ⁻⁴)		I _{max}	W	H	T	P	b	d
μF	mΩ	(V/μs)	1kHz	10kHz	A	mm	mm	mm	mm	mm	mm
8.0	13.0	75	8	80	10.8	32.0	37.0	22.0	27.5	-	0.8
8.0	10.0	75	8	80	13.3	32.0	37.0	22.0	27.5	12.7	0.8
8.0	19.5	37	15	140	6.2	41.0	33.5	18.5	37.5	-	1.0
8.0	18.1	40	15	130	6.6	41.0	37.0	22.0	37.5	10.2	1.0
9.0	16.1	40	15	130	7.5	41.0	37.0	22.0	37.5	12.7	1.0
10.0	15.6	37	15	140	6.7	42.0	40.0	20.0	37.5	-	1.0
10.0	15.6	37	15	140	7.7	42.0	40.0	20.0	37.5	10.2	1.0
10.0	14.5	40	15	130	8.3	42.0	44.0	24.0	37.5	12.7	1.0
12.0	13.0	37	15	140	9.2	41.0	37.0	22.0	37.5	12.7	1.0
12.0	15.0	37	15	140	8.0	41.0	37.0	22.0	37.5	-	1.0
12.0	12.1	40	15	130	9.9	42.0	44.0	24.0	37.5	12.7	1.0
12.0	14.0	40	15	130	8.6	42.0	44.0	24.0	37.5	-	1.0
14.0	10.4	40	15	130	11.6	42.0	45.0	30.0	37.5	-	1.2
15.0	10.4	37	15	140	11.5	42.0	44.0	24.0	37.5	12.7	1.0
15.0	20.8	17	28	280	5.8	57.0	45.0	25.0	52.5	12.7	1.2
15.0	9.7	40	15	130	12.4	42.0	45.0	30.0	37.5	12.7	1.2
15.0	9.7	40	15	130	12.4	42.0	45.0	30.0	37.5	20.3	1.2
15.0	19.3	20	27	260	6.2	57.0	45.0	25.0	52.5	12.7	1.2
18.0	8.7	37	15	140	13.8	42.0	45.0	30.0	37.5	12.7	1.2
18.0	8.7	37	15	140	13.8	42.0	45.0	30.0	37.5	20.3	1.2
18.0	8.1	40	15	130	14.9	42.0	50.0	35.0	37.5	20.3	1.2
20.0	7.8	37	15	140	15.4	42.0	45.0	30.0	37.5	12.7	1.2
20.0	7.8	37	15	140	15.4	42.0	45.0	30.0	37.5	20.3	1.2
20.0	15.6	17	28	280	7.7	57.0	45.0	25.0	52.5	12.7	1.2
20.0	7.2	40	15	130	16.6	42.0	50.0	35.0	37.5	20.3	1.2
20.0	14.5	20	27	260	8.3	57.0	43.5	29.5	52.5	12.7	1.2
20.0	14.5	20	27	260	8.3	57.0	43.5	29.5	52.5	20.3	1.2

DC-Link Capacitor for PCB PCB用DC-Link電容器

TDC series



Standard Ratings 規格標準

1000Vdc											
C _N	ESR _{@100kHz}	dV/dt	tanδ×(10 ⁻⁴)		I _{max}	W	H	T	P	b	d
μF	mΩ	(V/μs)	1kHz	10kHz	A	mm	mm	mm	mm	mm	mm
25.0	6.2	37	15	140	19.2	42.0	50.0	35.0	37.5	20.3	1.2
25.0	12.5	17	28	280	9.6	57.0	45.0	25.0	52.5	12.7	1.2
25.0	5.8	40	15	130	20.7	42.0	55.0	40.0	37.5	20.3	1.2
25.0	11.6	20	27	260	10.4	57.0	50.0	35.0	52.5	20.3	1.2
30.0	5.2	37	15	140	23.1	42.0	55.0	40.0	37.5	20.3	1.2
30.0	10.4	17	28	280	11.5	57.0	43.5	29.5	52.5	12.7	1.2
30.0	10.4	17	28	280	11.5	57.0	43.5	29.5	52.5	20.3	1.2
30.0	10.4	17	28	280	11.5	57.0	45.0	30.0	52.5	12.7	1.2
30.0	10.4	17	28	280	11.5	57.0	45.0	30.0	52.5	20.3	1.2
30.0	4.8	40	15	130	24.8	42.0	60.0	45.0	37.5	20.3	1.2
30.0	9.7	20	27	260	12.4	57.0	50.0	35.0	52.5	20.3	1.2
35.0	4.8	37	15	140	25.1	42.0	55.0	40.0	37.5	20.3	1.2
35.0	8.9	17	28	280	13.5	57.0	50.0	35.0	52.5	20.3	1.2
35.0	8.4	20	27	260	14.3	57.0	55.0	45.0	52.5	20.3	1.2
40.0	4.2	37	15	140	28.7	42.0	60.0	45.0	37.5	20.3	1.2
40.0	7.8	17	28	280	15.4	57.0	50.0	35.0	52.5	20.3	1.2
40.0	7.8	20	27	260	15.5	57.0	55.0	45.0	52.5	20.3	1.2
45.0	6.9	17	28	280	17.3	57.0	55.0	45.0	52.5	20.3	1.2
45.0	6.9	20	27	260	17.4	57.0	55.0	45.0	52.5	20.3	1.2
50.0	6.2	17	28	280	19.2	57.0	55.0	45.0	52.5	20.3	1.2
50.0	6.2	20	27	260	19.3	57.0	65.0	45.0	52.5	20.3	1.2
55.0	5.7	17	28	280	21.1	57.0	55.0	45.0	52.5	20.3	1.2
55.0	5.6	20	27	260	21.3	57.0	65.0	45.0	52.5	20.3	1.2
60.0	5.2	17	28	280	23.1	57.0	65.0	45.0	52.5	20.3	1.2
65.0	4.8	17	28	280	25.0	57.0	65.0	45.0	52.5	20.3	1.2
70.0	4.5	17	28	280	26.9	57.0	65.0	45.0	52.5	20.3	1.2

Standard Ratings 規格標準

1100Vdc											
C _N	ESR _{@100kHz}	dV/dt	tanδ×(10 ⁻⁴)		I _{max}	W	H	T	P	b	d
μF	mΩ	(V/μs)	1kHz	10kHz	A	mm	mm	mm	mm	mm	mm
1.0	65	80	8	70	2.2	32.0	20.0	11.0	27.5	-	0.8
1.5	46	80	8	70	2.5	32.0	22.0	13.0	27.5	-	0.8
2.0	24.5	80	8	70	4.8	32.0	24.5	13.0	27.5	-	0.8
3.0	18.5	80	8	70	6.5	32.0	30.0	16.0	27.5	-	0.8
3.0	46	40	8	70	2.5	42.0	30.0	17.0	37.5	-	1.0
4.0	12.5	80	8	70	8.5	32.0	33.0	18.0	27.5	-	0.8
4.0	32.5	40	8	70	3.5	42.0	30.0	17.0	37.5	-	1.0
4.7	28	40	8	70	4.0	42.0	32.0	19.0	37.5	-	1.0
5.0	10.8	80	8	70	9.8	32.0	37.0	22.0	27.5	-	0.8
5.0	10.5	80	8	70	10.5	32.0	37.0	22.0	27.5	10.2	1.0
5.0	26	40	8	70	4.2	42.0	32.0	19.0	37.5	-	1.0
6.0	10.5	80	8	70	10.5	32.0	37.0	22.0	27.5	-	0.8
6.0	8.8	80	8	70	13.0	32.0	37.0	22.0	27.5	10.2	1.0
6.0	23.5	40	8	70	5.0	42.0	32.0	19.0	37.5	-	1.0
7.0	18.5	40	15	130	6.0	42.0	40.0	20.0	37.5	10.2	1.2
8.0	16.5	40	15	130	6.5	42.0	37.0	22.0	37.5	10.2	1.2
9.0	13	40	15	130	7.5	42.0	37.0	22.0	37.5	10.2	1.2
10.0	12	40	15	130	8.5	42.0	44.0	24.0	37.5	10.2	1.2
12.0	10.8	40	15	130	10.0	42.0	44.0	24.0	37.5	10.2	1.2

Standard Ratings 規格標準

1100Vdc											
C _N	ESR _{@100kHz}	dV/dt	tanδ×(10 ⁻⁴)		I _{max}	W	H	T	P	b	d
μF	mΩ	(V/μs)	1kHz	10kHz	A	mm	mm	mm	mm	mm	mm
14.0	9.5	40	15	130	12.0	42.0	45.0	30.0	37.5	20.3	1.2
15.0	8.5	40	15	130	13.0	42.0	45.0	30.0	37.5	20.3	1.2
15.0	16.5	20	15	130	6.5	57.0	45.0	25.0	52.5	10.2	1.2
18.0	7	40	15	130	15.0	42.0	50.0	35.0	37.5	20.3	1.2
20.0	6.5	40	15	130	16.5	42.0	50.0	35.0	37.5	20.3	1.2
20.0	11.5	20	27	260	9.0	57.0	45.0	30.0	52.5	20.3	1.2
25.0	5	40	15	130	20.5	42.0	55.0	40.0	37.5	20.3	1.2
25	10	20	27	260	11	57.0	50	35	52.5	20.3	1.2
30	4.3	40	15	130	24.5	42	60	45	37.5	20.3	1.2
30	8.6	20	27	260	13	57.0	50	35	52.5	20.3	1.2
35	7.5	20	27	260	14.5	57.0	55	45	52.5	20.3	1.2
40	6.8	20	27	260	16	57.0	55	45	52.5	20.3	1.2
45	6.2	20	27	260	17.5	57.0	55	45	52.5	20.3	1.2
50	5.6	20	27	260	19.5	57.0	65	45	52.5	20.3	1.2
55	4.8	20	27	260	21.5	57.0	65	45	52.5	20.3	1.2

Standard Ratings 規格標準

1200Vdc											
C _N	ESR _{@100kHz}	dV/dt	tanδ×(10 ⁻⁴)		I _{max}	W	H	T	P	b	d
μF	mΩ	(V/μs)	1kHz	10kHz	A	mm	mm	mm	mm	mm	mm
1.0	39.5	90	7	55	3.5	32.0	20.0	11.0	27.5	-	0.8
2.0	26.3	90	7	55	5.0	32.0	24.5	15.0	27.5	-	0.8
3.0	17.5	90	7	55	7.5	32.0	30.0	16.0	27.5	-	0.8
4.0	13.9	90	7	55	9.5	32.0	33.0	18.0	27.5	-	0.8
5.0	12.7	90	7	55	10.4	32.0	37.0	22.0	27.5	-	0.8
5.0	11.1	90	7	55	11.8	32.0	37.0	22.0	27.5	10.2	0.8
3.0	37.2	45	13	100	3.2	41.0	30.0	16.0	37.5	-	1.0
4.0	27.9	45	13	100	4.3	41.0	30.0	16.0	37.5	-	1.0
5.0	22.3	45	13	100	5.4	41.0	33.5	18.5	37.5	-	1.0
6.0	18.6	45	13	100	6.5	42.0	40.0	20.0	37.5	-	1.0
7.0	15.9	45	13	100	7.5	41.0	37.0	22.0	37.5	10.2	1.0
8.0	13.9	45	13	100	8.6	42.0	44.0	24.0	37.5	12.7	1.0
9.0	12.4	45	13	100	9.7	42.0	44.0	24.0	37.5	12.7	1.0
10.0	11.1	45	13	100	10.8	42.0	44.0	24.0	37.5	12.7	1.0
12.0	9.3	45	13	100	12.9	42.0	45.0	30.0	37.5	12.7	1.2
12.0	9.3	45	13	100	12.9	42.0	45.0	30.0	37.5	20.3	1.2
15.0	7.4	45	13	100	16.1	42.0	50.0	35.0	37.5	20.3	1.2
18.0	6.6	45	13	100	18.1	42.0	50.0	35.0	37.5	20.3	1.2
20.0	6.0	45	13	100	20.1	42.0	55.0	40.0	37.5	20.3	1.2
25.0	4.8	45	13	100	25.1	42.0	60.0	45.0	37.5	20.3	1.2
12.0	19.9	23	24	200	6.0	57.0	45.0	25.0	52.5	12.7	1.2
15.0	15.9	23	24	200	7.5	57.0	45.0	25.0	52.5	12.7	1.2
20.0	11.9	23	24	200	10.0	57.0	43.5	29.5	52.5	12.7	1.2
20.0	11.9	23	24	200	10.0	57.0	43.5	29.5	52.5	20.3	1.2
20.0	11.9	23	24	200	10.0	57.0	45.0	30.0	52.5	12.7	1.2
20.0	11.9	23	24	200	10.0	57.0	45.0	30.0	52.5	20.3	1.2
25.0	9.6	23	24	200	12.6	57.0	50.0	35.0	52.5	20.3	1.2
30.0	8.0	23	24	200	15.1	57.0	55.0	45.0	52.5	20.3	1.2
35.0	6.8	23	24	200	17.6	57.0	55.0	45.0	52.5	20.3	1.2
40.0	6.0	23	24	200	20.1	57.0	65.0	45.0	52.5	20.3	1.2
45.0	5.3	23	24	200	22.6	57.0	65.0	45.0	52.5	20.3	1.2