

DC-Link Capacitor for PCB

■ Structure

- Dielectric: Metallized Polypropylene Film
- Electrode: Special process metal vacuum evaporation layer.
- Encapsulation: Flame retardant epoxy resin sealing, conforming to UL94 V-0
- Shell: Flame retardant PBT plastic shell, conforming to UL94 V-0
- Lead-wire: Tinned copper wire

■ Typical Application

- High-performance DC filtering applications (E.g.: frequency converters, industrial and high-end power supplies, solar inverters, etc.)

■ Characteristics

- Good appearance consistency, good self-healing property, strong humidity resistance; can withstand high pulse current; long lifetime; excellent overvoltage resistance.

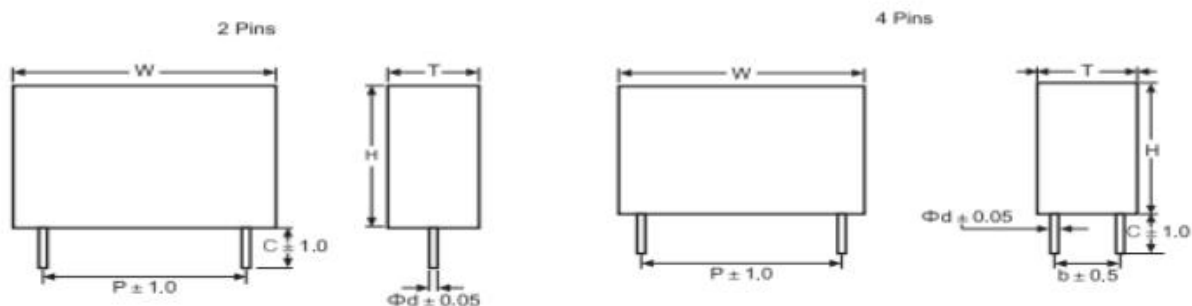
■ Conform to RoHS standards

■ Technical Parameter

Reference Standards	GB/T17702 (IEC 61071)
Climatic Category	40/85/56
Rated Voltage	500Vdc、600Vdc、800Vdc、900Vdc、1000Vdc、1100Vdc、1200Vdc
Operating Temperature Range (Shell)	-40°C~105°C (+85°C to +105°C: decreasing factor 1.35% per °C for U_R)
Capacitance Range	5.0 μ F ~ 140 μ F
Capacitance Tolerance	J ($\pm 5\%$)、K ($\pm 10\%$)
Voltage Proof	1.5 U_R (10S)
Insulation Resistance	$\geq 10000S$ (20°C, 100V, 1min)
Maximum Peak Current	$\hat{I} = C * dV/dt$
Self-inductance	$< 1nH$ (Lead-wire spacing / mm)
Expected Lifetime	$\geq 100\ 000h @ U_R \theta_{hs} = 70^\circ C$

Note: Products capacitance can be customized. Details specific parameters are according to Approval Sheet.

■ Outline Drawing



DC-Link Capacitor for PCB

■ C3D Part Number System

The 16-digit part number is formed as follow:



Digit 1 to 3	Series Code: C3D = DC-Link capacitor for PCB							
Digit 4 to 6	Rated Capacitance Value: 104 = 10×10^4 pF = 0.1μF							
Digit 7	Capacitance Tolerance: J=±5%、K=±10%							
Digit 8 to 9	Rated Voltage: 2H=500Vdc、2P=600Vdc、2K=800Vdc、2L=900Vdc 3A=1000Vdc、3Y=1100Vdc、3M=1200Vdc							
Digit 10 to 11	Dimensions Code: See The Dimension Comparison Table							
	Plastic Shell Code	Plastic Shell Dimensions W*T*H	Plastic Shell Code	Plastic Shell Dimensions W*T*H	Plastic Shell Code	Plastic Shell Dimensions W*T*H	Plastic Shell Code	Plastic Shell Dimensions W*T*H
	F0	31.5*9.0*18.0	F1	31.5*10.8*19.5	F2	31.5*13.0*21.5	F3	31.0*14.0*25.0
	F4	31.5*16.0*25.5	F5	31.5*16.0*30.0	F6	31.0*18.0*33.0	FA	31.5*22.0*37.0
	FD	31.5*14.0*28.0	S3	41.5*16.0*30.0	S6	41.5*22.0*37.0	SA	41.5*20.0*40.0
	SC	41.5*24.0*36.0	SD	41.5*24.0*44.0	S9	42.0*30.0*45.0	SF	41.5*35.0*50.0
	SH	41.5*40.0*55.0	SK	41.5*45.0*60.0	H3	57.0*25.0*45.0	H4	57.0*29.5*43.5
H5	57.0*35.0*45.0	H8	57.0*45.0*55.0	H9	57.0*45.0*65.0			
Digit 12	Color Code: R - Gray; T - Black							
Digit 13	Lead-Wire Diameter Code: 8=0.8; 1=1.0; 2=1.2							
Digit 14 to 16	Lead-wire Forming Type Code:							
	14 th digit				15 th to 16 th digit			
	Code	Content explanation			Code	Content explanation		
	1	4 Lead-wires b=15.0mm			35	Lead-wire Length L=3.5±0.5mm		
	2	4 Lead-wires b=10.0mm			38	Lead-wire Length L=3.8±0.5mm		
	3	4 Lead-wires b=12.7mm			40	Lead-wire Length L=4.0±0.5mm		
	4	4 Lead-wires b=20.0mm			45	Lead-wire Length L=4.5±0.5mm		
	5	4 Lead-wires b=20.3mm			50	Lead-wire Length L=5.0±0.5mm		
	6	4 Lead-wires b=10.2mm			55	Lead-wire Length L=5.5±0.5mm		
7	4 Lead-wires b=5.10mm			60	Lead-wire Length L=6.0±0.5mm			
8	4 Lead-wires b=15.2mm			65	Lead-wire Length L=6.5±0.5mm			

DC-Link Capacitor for PCB

■ Technical data

Un,85°C:500Vdc										
μF	Part number	Dimensions (mm)						dv/dt (V/us)	ESR(mΩ) @10KHZ	Imax (A) 10KHZ@70°C
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05			
5.0	C3D505J2HF1**0	31.5	10.8	19.5	27.5	-	0.8	30	8.5	5.0
10.0	C3D106J2HF3**0	31.5	14.0	25.0	27.5	-	0.8	30	7.5	6.5
22.0	C3D226J2HFA**0	31.5	22.0	37.0	27.5	-	0.8	30	5.0	10.0
30.0	C3D306J2HSA**6	41.5	20.0	40.0	37.5	10.2	1.0	30	8.0	12.5
35.0	C3D356J2HSC**6	41.5	24.0	36.0	37.5	10.2	1.0	30	8.0	13.5
40.0	C3D406J2HS7**6	41.5	26.0	41.0	37.5	10.2	1.0	30	5.0	14.5
50.0	C3D506J2HS8**5	41.5	28.0	43.0	37.5	20.3	1.2	30	4.0	16.0
60.0	C3D606J2HS9**5	42.0	30.0	45.0	37.5	20.3	1.2	30	3.0	16.5
75.0	C3D756J2HH4**3	57.0	29.5	43.5	52.5	12.7	1.2	30	5.5	16.0
75.0	C3D756J2HH4**5	57.0	29.5	43.5	52.5	20.3	1.2	30	5.5	16.0
80.0	C3D806J2HH4**5	57.0	29.5	43.5	52.5	20.3	1.2	30	5.0	16.5
90.0	C3D906J2HH6**5	57.0	35.0	50.0	52.5	20.3	1.2	30	4.0	18.0
100.0	C3D107J2HH6**5	57.0	35.0	50.0	52.5	20.3	1.2	30	4.0	18.0
110.0	C3D117J2HH6**5	57.0	35.0	50.0	52.5	20.3	1.2	30	4.0	19.0

Un,85°C:600Vdc										
μF	Part number	Dimensions (mm)						dv/dt (V/us)	ESR(mΩ) @10KHZ	Imax (A) 10KHZ@70°C
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05			
2.0	C3D205J2PF0**0	31.5	9.0	18.0	27.5	-	0.8	75	47.8	2.8
3.0	C3D305J2PF1**0	31.5	10.8	19.5	27.5	-	0.8	75	31.8	4.1
4.0	C3D405J2PF1**0	31.5	10.8	19.5	27.5	-	0.8	75	23.9	5.5
5.0	C3D505J2PF2**0	31.5	13.0	21.5	27.5	-	0.8	75	19.1	6.9
6.0	C3D605J2PF3**0	31.5	14.0	25.0	27.5	-	0.8	75	18.6	7.1
7.0	C3D705J2PF3**0	31.5	14.0	25.0	27.5	-	0.8	75	15.9	8.3
8.0	C3D805J2PFD**0	31.5	14.0	28.0	27.5	-	0.8	75	13.9	9.5
9.0	C3D905J2PF5**0	31.5	16.0	30.0	27.5	-	0.8	75	12.4	10.7
10.0	C3D106J2PF5**0	31.5	16.0	30.0	27.5	-	0.8	75	11.1	11.8
12.0	C3D126J2PF6**0	31.5	18.0	33.0	27.5	-	0.8	75	10.8	12.0
12.0	C3D126J2PF6**6	31.5	18.0	30.0	27.5	10.2	0.8	75	9.3	14.2
15.0	C3D156J2PFA**0	31.5	22.0	37.0	27.5	-	0.8	75	9.0	12.0
15.0	C3D156J2PFA**6	31.5	22.0	37.0	27.5	10.2	0.8	75	7.4	17.8
18.0	C3D186J2PFA**0	31.5	22.0	37.0	27.5	-	0.8	75	8.0	12.0
18.0	C3D186J2PFA**3	31.5	22.0	37.0	27.5	12.7	1.0	75	6.2	21.3
10.0	C3D106J2PS3**0	41.5	16.0	30.0	37.5	-	1.0	40	19.5	6.2
12.0	C3D126J2PS3**0	41.5	16.0	30.0	37.5	-	1.0	40	16.3	7.4
15.0	C3D156J2PS5**0	41.5	18.5	33.5	37.5	-	1.0	40	13.0	9.2

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μF	Part number	Dimensions (mm)						dv/dt (V/us)	ESR(mΩ) @10KHZ	Imax (A) 10KHZ@70°C
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05			
20.0	C3D206J2PSA**6==	41.5	20.0	40.0	37.5	10.2	1.0	40	9.8	12.3
22.0	C3D226J2PSA**6==	41.5	20.0	40.0	37.5	10.2	1.0	40	8.9	13.5
25.0	C3D256J2PSA**3==	41.5	20.0	40.0	37.5	12.7	1.0	40	7.8	15.4
30.0	C3D306J2PSD**3==	41.5	24.0	44.0	37.5	12.7	1.0	40	6.5	18.5
35.0	C3D356J2PS9**3==	42.0	30.0	45.0	37.5	12.7	1.2	40	6.0	20.1
35.0	C3D356J2PS9**5==	42.0	30.0	45.0	37.5	20.3	1.2	40	6.0	20.1
40.0	C3D406J2PS9**3==	42.0	30.0	45.0	37.5	12.7	1.2	40	5.2	23.0
40.0	C3D406J2PS9**5==	42.0	30.0	45.0	37.5	20.3	1.2	40	5.2	23.0
45.0	C3D456J2PSF**3==	41.5	35.0	50.0	37.5	12.7	1.2	40	4.6	25.8
45.0	C3D456J2PSF**5==	41.5	35.0	50.0	37.5	20.3	1.2	40	4.6	25.8
50.0	C3D506J2PSF**5==	41.5	35.0	50.0	37.5	20.3	1.2	40	4.2	28.7
55.0	C3D556J2PSF**5==	41.5	35.0	50.0	37.5	20.3	1.2	40	3.8	31.6
60.0	C3D606J2PSH**5==	41.5	40.0	55.0	37.5	20.3	1.2	40	3.5	34.5
65.0	C3D656J2PSH**5==	41.5	40.0	55.0	37.5	20.3	1.2	40	3.2	37.3
70.0	C3D706J2PSH**5==	41.5	40.0	55.0	37.5	20.3	1.2	40	3.0	40.2
75.0	C3D756J2PSK**5==	41.5	45.0	60.0	37.5	20.3	1.2	40	2.8	43.1
80.0	C3D806J2PSK**5==	41.5	45.0	60.0	37.5	20.3	1.2	40	2.6	45.9
85.0	C3D856J2PSK**5==	41.5	45.0	60.0	37.5	20.3	1.2	40	2.5	48.8
40.0	C3D406J2PH3**3==	57.0	25.0	45.0	52.5	12.7	1.2	20	9.8	12.3
45.0	C3D456J2PH3**3==	57.0	25.0	45.0	52.5	12.7	1.2	20	8.7	13.8
50.0	C3D506J2PH3**3==	57.0	25.0	45.0	52.5	12.7	1.2	20	7.8	15.4
55.0	C3D506J2PH4**3==	57.0	29.5	43.5	52.5	12.7	1.2	20	7.1	16.9
55.0	C3D556J2PH4**5==	57.0	29.5	43.5	52.5	20.3	1.2	20	7.1	16.9
60.0	C3D606J2PH4**3==	57.0	29.5	43.5	52.5	12.7	1.2	20	6.5	18.5
60.0	C3D606J2PH4**5==	57.0	29.5	43.5	52.5	20.3	1.2	20	6.5	18.5
65.0	C3D656J2PH6**3==	57.0	35.0	50.0	52.5	12.7	1.2	20	6.0	20.0
65.0	C3D656J2PH6**5==	57.0	35.0	50.0	52.5	20.3	1.2	20	6.0	20.0
70.0	C3D706J2PH6**5==	57.0	35.0	50.0	52.5	20.3	1.2	20	5.6	21.5
75.0	C3D756J2PH6**5==	57.0	35.0	50.0	52.5	20.3	1.2	20	5.2	23.1
80.0	C3D806J2PH6**5==	57.0	35.0	50.0	52.5	20.3	1.2	20	4.9	24.6
85.0	C3D856J2PH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	20	4.8	25.1
90.0	C3D906J2PH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	20	4.6	25.8
95.0	C3D956J2PH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	20	4.4	27.3
100.0	C3D107J2PH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	20	4.2	28.7
110.0	C3D117J2PH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	20	3.8	31.6
120.0	C3D127J2PH9**5==	57.0	45.0	65.0	52.5	20.3	1.2	20	3.5	34.5
130.0	C3D137J2PH9**5==	57.0	45.0	65.0	52.5	20.3	1.2	20	3.2	37.3
140.0	C3D147J2PH9**5==	57.0	45.0	65.0	52.5	20.3	1.2	20	3.0	40.2

DC-Link Capacitor for PCB

Un,85°C:800Vdc										
μF	Part number	Dimensions (mm)						dv/dt (V/us)	ESR(mΩ) @10KHZ	Imax (A) 10KHZ@70°C
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05			
2.0	C3D205J2KF0**0	31.5	9.0	18.0	27.5	-	0.8	65	45.4	2.9
3.0	C3D305J2KF1**0	31.5	10.8	19.5	27.5	-	0.8	65	30.3	4.4
3.3	C3D335J2KF5**0	31.5	16.0	30.0	27.5	-	0.8	65	18.8	7.0
4.0	C3D405J2KF3**0	31.0	14.0	25.0	27.5	-	0.8	65	22.7	5.8
5.0	C3D505J2KF3**0	31.0	14.0	25.0	27.5	-	0.8	65	18.2	7.3
6.0	C3D605J2KF5**0	31.5	16.0	30.0	27.5	-	0.8	65	15.1	8.7
7.0	C3D705J2KF5**0	31.5	16.0	30.0	27.5	-	0.8	65	13.0	10.2
8.0	C3D805J2KF6**0	31.0	18.0	33.0	27.5	-	0.8	65	12.5	10.5
8.0	C3D805J2KF6**6	31.0	18.0	33.0	27.5	10.2	0.8	65	11.3	11.6
9.0	C3D905J2KF6**0	31.0	18.0	33.0	27.5	-	0.8	65	11.1	11.8
9.0	C3D905J2KF6**6	31.0	18.0	33.0	27.5	10.2	0.8	65	10.1	13.1
10.0	C3D106J2KFA**0	31.5	22.0	37.0	27.5	-	0.8	65	11.0	12.0
10.0	C3D106J2KFA**6	31.5	22.0	37.0	27.5	10.2	0.8	65	9.1	14.5
11.0	C3D116J2KFA**0	31.5	22.0	37.0	27.5	-	0.8	65	10.0	12.0
11.0	C3D116J2KFA**6	31.5	22.0	37.0	27.5	10.2	0.8	65	8.3	16.0
12.0	C3D126J2KFA**0	31.5	22.0	37.0	27.5	-	0.8	65	9.3	12.0
12.0	C3D126J2KFA**6	31.5	22.0	37.0	27.5	10.2	0.8	65	7.6	16.0
13.0	C3D136J2KFA**0	31.5	22.0	37.0	27.5	-	0.8	65	8.8	12.0
13.0	C3D136J2KFA**3	31.5	22.0	37.0	27.5	12.7	0.8	65	8.1	16.2
14.0	C3D146J2KFA**0	31.5	22.0	37.0	27.5	-	0.8	65	8.2	12.0
14.0	C3D146J2KFA**3	31.5	22.0	37.0	27.5	12.7	0.8	65	7.6	17.5
8.0	C3D805J2KS3**0	41.5	16.0	30.0	37.5	-	1.0	30	22.3	5.4
9.0	C3D905J2KS3**0	41.5	16.0	30.0	37.5	-	1.0	30	19.8	6.1
10.0	C3D106J2KS5**0	41.5	18.5	33.5	37.5	-	1.0	30	17.8	6.7
12.0	C3D126J2KS5**0	41.5	18.5	43.5	37.5	-	1.0	30	14.9	8.1
15.0	C3D156J2KSA**6	41.5	20.0	40.0	37.5	10.2	1.0	30	11.9	10.1
20.0	C3D206J2KSD**3	41.5	24.0	44.0	37.5	12.7	1.0	30	8.9	13.5
25.0	C3D256J2KSD**3	41.5	24.0	44.0	37.5	12.7	1.0	30	7.1	16.8
30.0	C3D306J2KS9**3	42.0	30.0	45.0	37.5	12.7	1.2	30	5.9	20.2
30.0	C3D306J2KS9**5	42.0	30.0	45.0	37.5	20.3	1.2	30	5.9	20.2
35.0	C3D356J2KSF**5	41.5	35.0	50.0	37.5	20.3	1.2	30	5.5	22.0
40.0	C3D406J2KSF**5	41.5	35.0	50.0	37.5	20.3	1.2	30	4.8	25.1
45.0	C3D456J2KSH**5	41.5	40.0	55.0	37.5	20.3	1.2	30	4.2	28.3
50.0	C3D506J2KSH**5	41.5	40.0	55.0	37.5	20.3	1.2	30	3.8	31.4
55.0	C3D556J2KSK**5	41.5	45.0	60.0	37.5	20.3	1.2	30	3.5	34.5
60.0	C3D606J2KSK**5	41.5	45.0	60.0	37.5	20.3	1.2	30	3.2	37.7
65.0	C3D656J2KSK**5	41.5	45.0	60.0	37.5	20.3	1.2	30	2.9	40.8
25.0	C3D256J2KH3**3	57.0	25.0	45.0	52.5	12.7	1.2	15	14.3	8.4
30.0	C3D306J2KH3**3	57.0	25.0	45.0	52.5	12.7	1.2	15	11.9	10.1
35.0	C3D356J2KH3**3	57.0	25.0	45.0	52.5	12.7	1.2	15	10.2	11.8
40.0	C3D406J2KH4**3	57.0	29.5	43.5	52.5	12.7	1.2	15	8.9	13.5

Note: Any questions related to the parameters using, please contact Sincerity.

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μF	Part number	Dimensions (mm)						dv/dt (V/us)	ESR(mΩ) @10KHZ	Imax (A) 10KHZ@70°C
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05			
40.0	C3D406J2KH4**5==	57.0	29.5	43.5	52.5	20.3	1.2	15	8.9	13.5
45.0	C3D456J2KH4**3==	57.0	29.5	43.5	52.5	12.7	1.2	15	7.9	15.1
45.0	C3D456J2KH4**5==	57.0	29.5	43.5	52.5	20.0	1.2	15	7.9	15.1
50.0	C3D506J2KH6**3==	57.0	35.0	50.0	52.5	12.7	1.2	15	7.1	16.8
50.0	C3D506J2KH6**5==	57.0	35.0	50.0	52.5	20.3	1.2	15	7.1	16.8
55.0	C3D556J2KH6**5==	57.0	35.0	50.0	52.5	20.3	1.2	15	6.5	18.5
60.0	C3D606J2KH6**5==	57.0	35.0	50.0	52.5	20.3	1.2	15	5.9	20.2
65.0	C3D656J2KH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	15	5.5	21.9
70.0	C3D706J2KH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	15	5.1	23.6
75.0	C3D756J2KH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	15	4.8	25.2
80.0	C3D806J2KH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	15	4.6	25.9
85.0	C3D856J2KH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	15	4.5	26.7
90.0	C3D906J2KH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	15	4.2	28.3
95.0	C3D956J2KH9**5==	57.0	45.0	65.0	52.5	20.3	1.2	15	4.0	29.8
100.0	C3D107J2KH9**5==	57.0	45.0	65.0	52.5	20.3	1.2	15	3.8	31.4
110.0	C3D117J2KH9**5==	57.0	45.0	65.0	52.5	20.3	1.2	15	3.5	34.5

Un,85°C:900Vdc										
μF	Part number	Dimensions (mm)						dv/dt (V/us)	ESR(mΩ) @10KHZ	Imax (A) 10KHZ@70°C
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05			
1.0	C3D105J2LF0**0==	31.5	9.0	18.0	27.5	-	0.8	70	86.0	1.5
2.0	C3D205J2LF1**0==	31.5	10.8	19.5	27.5	-	0.8	70	43.0	3.1
3.0	C3D305J2LF2**0==	31.5	13.0	21.5	27.5	-	0.8	70	28.7	4.6
4.0	C3D405J2LF3**0==	31.0	14.0	25.0	27.5	-	0.8	70	21.5	6.1
5.0	C3D505J2LF5**0==	31.5	16.0	30.0	27.5	-	0.8	70	17.2	7.7
6.0	C3D605J2LF6**0==	31.0	18.0	33.0	27.5	-	0.8	70	18.0	6.9
6.0	C3D605J2LF6**6==	31.0	18.0	33.0	27.5	10.2	0.8	70	14.3	9.2
7.0	C3D705J2LF6**0==	31.0	18.0	33.0	27.5	-	0.8	70	13.0	10.2
7.0	C3D705J2LF6**6==	31.0	18.0	33.0	27.5	10.2	0.8	70	12.3	10.7
8.0	C3D805J2LFA**0==	31.5	22.0	37.0	27.5	-	0.8	70	11.5	11.4
8.0	C3D805J2LFA**6==	31.5	22.0	37.0	27.5	10.2	0.8	70	10.7	12.3
9.0	C3D905J2LFA**0==	31.5	22.0	37.0	27.5	-	0.8	70	10.4	12.0
9.0	C3D905J2LFA**3==	31.5	22.0	37.0	27.5	12.7	0.8	70	9.6	13.8
10.0	C3D106J2LFA**0==	31.5	22.0	37.0	27.5	-	0.8	70	12.0	12.2
10.0	C3D106J2LFA**3==	31.5	22.0	37.0	27.5	12.7	0.8	70	8.6	15.4
4.7	C3D475J2LS2**0==	41.5	14.0	28.0	37.5	-	1.0	35	35.6	3.4
5.0	C3D505J2LS3**0==	41.5	16.0	30.0	37.5	-	1.0	35	33.4	3.6
6.0	C3D605J2LS3**0==	41.5	16.0	30.0	37.5	-	1.0	35	27.9	4.3
7.0	C3D705J2LS3**0==	41.5	16.0	30.0	37.5	-	1.0	35	23.9	5.0
8.0	C3D805J2LS5**0==	41.5	18.5	33.5	37.5	-	1.0	35	20.9	5.7

DC-Link Capacitor for PCB

Un,85°C:900Vdc										
μF	Part number	Dimensions (mm)						dv/dt (V/us)	ESR(mΩ) @10KHZ	Imax (A) 10KHZ@70°C
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05			
10.0	C3D106J3ASA**6==	41.5	20.0	40.0	37.5	10.2	1.0	37	15.6	7.7
12.0	C3D126J3AS6**0==	41.5	22.0	37.0	37.5	-	1.0	37	13.0	9.2
12.0	C3D126J3AS6**3==	41.5	22.0	37.0	37.5	12.7	1.0	37	15.0	8.0
15.0	C3D156J3ASD**3==	41.5	24.0	44.0	37.5	12.7	1.0	37	10.4	11.5
18.0	C3D186J3AS9**3==	42.0	30.0	45.0	37.5	12.7	1.2	37	8.7	13.8
18.0	C3D186J3AS9**5==	42.0	30.0	45.0	37.5	20.3	1.2	37	8.7	13.8
20.0	C3D206J3AS9**3==	42.0	30.0	45.0	37.5	12.7	1.2	37	7.8	15.4
20.0	C3D206J3AS9**5==	42.0	30.0	45.0	37.5	20.3	1.2	37	7.8	15.4
25.0	C3D256J3ASF**5==	41.5	35.0	50.0	37.5	20.3	1.2	37	6.2	19.2
30.0	C3D306J3ASH**5==	41.5	40.0	55.0	37.5	20.3	1.2	37	5.2	23.1
35.0	C3D356J3ASH**5==	41.5	40.0	55.0	37.5	20.3	1.2	37	4.8	25.1
40.0	C3D406J3ASK**5==	41.5	45.0	60.0	37.5	20.3	1.2	37	4.2	28.7
15.0	C3D156J3AH3**3==	57.0	25.0	45.0	52.5	12.7	1.2	17	20.8	5.8
20.0	C3D206J3AH3**3==	57.0	25.0	45.0	52.5	12.7	1.2	17	15.6	7.7
25.0	C3D256J3AH3**3==	57.0	25.0	45.0	52.5	12.7	1.2	17	12.5	9.6
30.0	C3D306J3AH4**3==	57.0	29.5	43.5	52.5	12.7	1.2	17	10.4	11.5
30.0	C3D306J3AH4**5==	57.0	29.5	43.5	52.5	20.3	1.2	17	10.4	11.5
35.0	C3D356J3AH6**5==	57.0	35.0	50.0	52.5	20.3	1.2	17	8.9	13.5
40.0	C3D406J3AH6**5==	57.0	35.0	50.0	52.5	20.3	1.2	17	7.8	15.4
45.0	C3D456J3AH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	17	6.9	17.3
50.0	C3D506J3AH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	17	6.2	19.2
55.0	C3D556J3AH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	17	5.7	21.1
60.0	C3D606J3AH9**5==	57.0	45.0	65.0	52.5	20.3	1.2	17	5.2	23.1
65.0	C3D656J3AH9**5==	57.0	45.0	65.0	52.5	20.3	1.2	17	4.8	25.0
70.0	C3D706J3AH9**5==	57.0	45.0	65.0	52.5	20.3	1.2	17	4.5	26.9

Un,85°C:1100Vdc										
μF	Part number	Dimensions (mm)						dv/dt (V/us)	ESR(mΩ) @10KHZ	Imax (A) 10KHZ@70°C
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05			
0.68	C3D684J3YF1**0==	31.5	10.8	19.5	27.5	-	0.8	80	80.0	1.7
1.0	C3D105J3YF1**0==	31.5	10.8	19.5	27.5	-	0.8	80	59.4	2.2
1.5	C3D155J3YF2**0==	31.5	13.0	21.5	27.5	-	0.8	80	55.7	2.4
2.0	C3D205J3YF3**0==	31.0	14.0	25.0	27.5	-	0.8	80	27.9	4.7
3.0	C3D305J3YF5**0==	31.5	16.0	30.0	27.5	-	0.8	80	15.3	8.6
3.3	C3D335J3YF6**0==	31.0	18.0	33.0	27.5	-	0.8	80	15.3	8.6
4.0	C3D405J3YF6**0==	31.0	18.0	33.0	27.5	-	0.8	80	15.3	8.6
5.0	C3D505J3YFA**0==	31.5	22.0	37.0	27.5	-	0.8	80	14.0	9.8
5.0	C3D505J3YFA**6==	31.5	22.0	37.0	27.5	10.2	0.8	80	12.3	10.8
6.0	C3D605J3YFA**0==	31.5	22.0	37.0	27.5	-	0.8	80	12.3	10.8

DC-Link Capacitor for PCB

Un,85°C:1100Vdc										
μF	Part number	Dimensions (mm)						dv/dt (V/us)	ESR(mΩ) @10KHZ	Imax (A) 10KHZ@70°C
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05			
6.0	C3D605J3YFA**6==	31.5	22.0	37.0	27.5	10.2	0.8	80	10.2	12.9
3.0	C3D305J3YS3**0==	41.5	16.0	30.0	37.5	-	1.0	40	48.3	2.5
4.0	C3D405J3YS3**0==	41.5	16.0	30.0	37.5	-	1.0	40	36.2	3.3
4.7	C3D475J3YS5**6==	41.5	18.5	33.5	37.5	10.2	1.0	40	30.8	3.9
5.0	C3D505J3YS5**0==	41.5	18.5	33.5	37.5	-	1.0	40	29.0	4.1
6.0	C3D605J3YS5**0==	41.5	18.5	33.5	37.5	-	1.0	40	24.2	5.0
7.0	C3D705J3YSA**6==	41.5	20.0	40.0	37.5	10.2	1.0	40	20.7	5.8
8.0	C3D805J3YS6**6==	41.5	22.0	37.0	37.5	10.2	1.0	40	18.1	6.6
9.0	C3D905J3YS6**3==	41.5	22.0	37.0	37.5	12.7	1.0	40	16.1	7.5
10.0	C3D106J3YSD**3==	41.5	24.0	44.0	37.5	12.7	1.0	40	14.5	8.3
12.0	C3D126J3YSD**0==	41.5	24.0	44.0	37.5	-	1.0	40	12.1	9.9
12.0	C3D126J3YSD**3==	41.5	24.0	44.0	37.5	12.7	1.0	40	14.0	8.6
15.0	C3D156J3YS9**3==	42.0	30.0	45.0	37.5	12.7	1.2	40	9.7	12.4
15.0	C3D156J3YS9**5==	42.0	30.0	45.0	37.5	20.3	1.2	40	9.7	12.4
18.0	C3D186J3YSF**5==	41.5	35.0	50.0	37.5	20.3	1.2	40	8.1	14.9
20.0	C3D206J3YSF**5==	41.5	35.0	50.0	37.5	20.3	1.2	40	7.2	16.6
25.0	C3D256J3YSH**5==	41.5	40.0	55.0	37.5	20.3	1.2	40	5.8	20.7
30.0	C3D306J3YSK**5==	41.5	45.0	60.0	37.5	20.3	1.2	40	4.8	24.8
15.0	C3D156J3YH3**3==	57.0	25.0	45.0	52.5	12.7	1.2	20	19.3	6.2
20.0	C3D206J3YH4**3==	57.0	29.5	43.5	52.5	12.7	1.2	20	14.5	8.3
20.0	C3D206J3YH4**5==	57.0	29.5	43.5	52.5	20.3	1.2	20	14.5	8.3
25.0	C3D256J3YH6**5==	57.0	35.0	50.0	52.5	20.3	1.2	20	11.6	10.4
30.0	C3D306J3YH6**5==	57.0	35.0	50.0	52.5	20.3	1.2	20	9.7	12.4
35.0	C3D356J3YH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	20	8.4	14.3
40.0	C3D406J3YH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	20	7.8	15.5
45.0	C3D456J3YH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	20	6.9	17.4
50.0	C3D506J3YH9**5==	57.0	45.0	65.0	52.5	20.3	1.2	20	6.2	19.3
55.0	C3D556J3YH9**5==	57.0	45.0	65.0	52.5	20.3	1.2	20	5.6	21.3

DC-Link Capacitor for PCB

Un,85°C:1200Vdc										
μF	Part number	Dimensions (mm)						dv/dt (V/us)	ESR(mΩ) @10KHZ	Imax (A) 10KHZ@70°C
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05			
1.0	C3D105J3MF1**0==	31.5	10.8	19.5	27.5	-	0.8	90	52.5	2.5
1.5	C3D155J3MF3**0==	31.0	14.0	25.0	27.5	-	0.8	90	26.3	5.0
2.0	C3D205J3MF3**0==	31.0	14.0	25.0	27.5	-	0.8	90	26.3	5.0
3.0	C3D305J3MF5**0==	31.5	16.0	30.0	27.5	-	0.8	90	17.5	7.5
3.5	C3D355J3MF5**0==	31.5	16.0	30.0	27.5	-	0.8	90	13.9	9.5
4.0	C3D405J3MF6**0==	31.0	18.0	33.0	27.5	-	0.8	90	13.9	9.5
5.0	C3D505J3MFA**0==	31.5	22.0	37.0	27.5	-	0.8	90	12.7	10.4
5.0	C3D505J3MFA**6==	31.5	22.0	37.0	27.5	10.2	0.8	90	11.1	11.8
3.0	C3D305J3MS3**0==	41.5	16.0	30.0	37.5	-	1.0	45	37.2	3.2
4.0	C3D405J3MS3**0==	41.5	16.0	30.0	37.5	-	1.0	45	27.9	4.3
5.0	C3D505J3MS5**0==	41.5	18.5	33.5	37.5	-	1.0	45	22.3	5.4
6.0	C3D605J3MSA**0==	41.5	20.0	40.0	37.5	-	1.0	45	18.6	6.5
7.0	C3D705J3MS6**6==	41.5	22.0	37.0	37.5	10.2	1.0	45	15.9	7.5
8.0	C3D805J3MSD**3==	41.5	24.0	44.0	37.5	12.7	1.0	45	13.9	8.6
9.0	C3D905J3MSD**3==	41.5	24.0	44.0	37.5	12.7	1.0	45	12.4	9.7
10.0	C3D106J3MSD**3==	41.5	24.0	44.0	37.5	12.7	1.0	45	11.1	10.8
12.0	C3D126J3MS9**3==	42.0	30.0	45.0	37.5	12.7	1.2	45	9.3	12.9
12.0	C3D126J3MS9**5==	42.0	30.0	45.0	37.5	20.3	1.2	45	9.3	12.9
15.0	C3D156J3MSF**5==	41.5	35.0	50.0	37.5	20.3	1.2	45	7.4	16.1
18.0	C3D186J3MSF**5==	41.5	35.0	50.0	37.5	20.3	1.2	45	6.6	18.1
20.0	C3D206J3MSH**5==	41.5	40.0	55.0	37.5	20.3	1.2	45	6.0	20.1
25.0	C3D256J3MSK**5==	41.5	45.0	60.0	37.5	20.3	1.2	45	4.8	25.1
12.0	C3D126J3MH3**3==	57.0	25.0	45.0	52.5	12.7	1.2	23	19.9	6.0
15.0	C3D156J3MH3**3==	57.0	25.0	45.0	52.5	12.7	1.2	23	15.9	7.5
20.0	C3D206J3MH4**3==	57.0	29.5	43.5	52.5	12.7	1.2	23	11.9	10.0
20.0	C3D206J3MH4**5==	57.0	29.5	43.5	52.5	20.3	1.2	23	11.9	10.0
25.0	C3D256J3MH6**5==	57.0	35.0	50.0	52.5	20.3	1.2	23	9.6	12.6
30.0	C3D306J3MH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	23	8.0	15.1
35.0	C3D356J3MH8**5==	57.0	45.0	55.0	52.5	20.3	1.2	23	6.8	17.6
40.0	C3D406J3MH9**5==	57.0	45.0	65.0	52.5	20.3	1.2	23	6.0	20.1
45.0	C3D456J3MH9**5==	57.0	45.0	65.0	52.5	20.3	1.2	23	5.3	22.6

Note:

1. “#” indicates for internal recognition code.
2. “= =” indicates for lead-wire Forming Type code, see table 1.
3. “Imax” test conditions: the effective value of the ambient temperature is 70°C, the frequency is 100KHZ, and the shell temperature reaches 85°C.
4. “ESR” are both typical value test data.