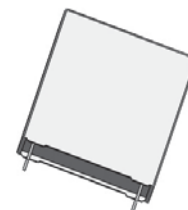


Metallized Polypropylene Film Capacitor(Radial Lead) DC-Link Application (THB for Severe Ambient Conditions)

DPBG

高温高湿直流滤波电容器

DPBG series is constructed with metallized polypropylene film, encapsulated in self-extinguishing solvent resistant plastic case and sealed with epoxy resin material meeting UL-94V-0 requirements. They are suitable for application with severe ambient conditions and harsh environment.



APPLICATION

DC link applications.

DC filtering circuits.

Frequency converter.

Solar inverter and industrial power supply.

FEATURES

High stability of capacitance under severe ambient condition.

Self-healing properties.

High capacitance density.

Suitable for high frequency applications.

SPECIFICATIONS

Reference Standard:	IEC61071
Climatic Category:	40/85/21 IEC60068-1
Operating Temperature Range:	-40°C to +105°C
Rated Voltage:	450Vdc ~ 1200Vdc
Capacitance Range:	1.0uF ~110uF
Capacitance Tolerance:	±5% or ±10% at +25°C
Dissipation Factor (DF):	≤ 0.001 (0.1%) at 1kHz at +25°C
Test Voltage Between Terminals:	1.5 x rated voltage for 10s (terminal to terminal)
Test Voltage Terminal to Case:	3.0KVac 50 Hz for 10 sec at +25°C
Insulation Resistance:	IR x C≥30,000 Seconds at 100VDC 1 minute at +25°C
Life Expectancy:	100,000 hours at Un @ Hot-Spot temperature T=+85°C
Leads:	Tinned copper wires, standard lead wire length 5 ±1mm
Packaging:	Packed in cardboard boxes with protection for the leads
RoHS Compliant:	Compliant with the restricted substance requirements of Directive 2002/95/EC
THB Test (Damp heat test with loading):	Temperature : 85°C ± 2°C ; Humidity : 85% ± 2%
	Loading Voltage: Rated voltage (DC) ;
	Duration: 1000 hours
	Capacitance change(□C/C): ≤10%

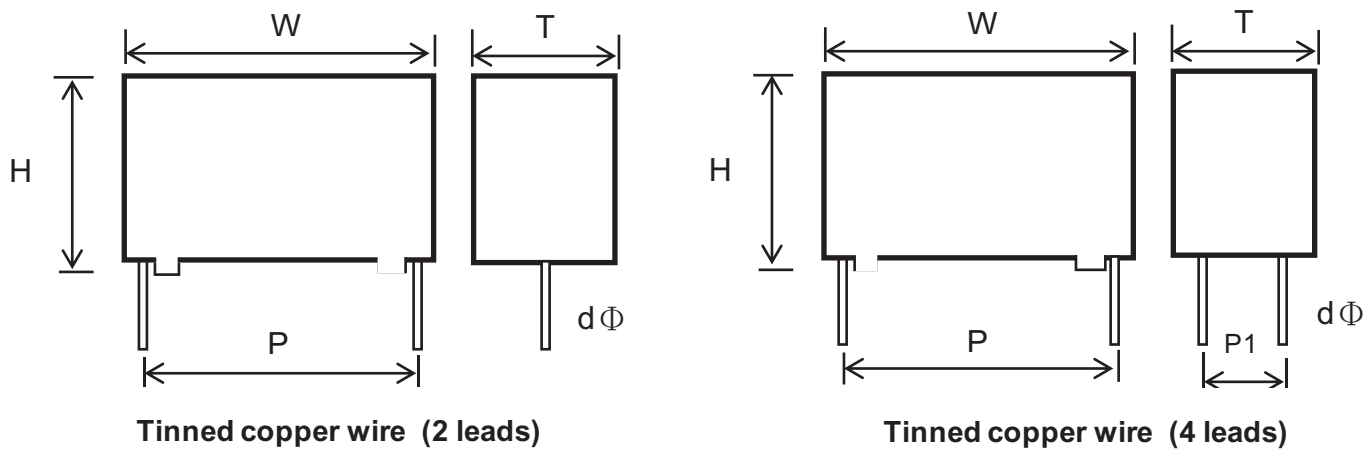
Metallized Polypropylene Film Capacitor(Radial Lead) DC-Link Application (THB for Severe Ambient Conditions)

DPBG

高温高湿直流滤波电容器

OUTLINE DRAWING

Unit: mm



LEAD WIRES AND DIMENSIONS

Unit: mm

Number of wires	Lead spacing	Lead diameter
	$P \pm 0.5$	$d\Phi \pm 0.1$
	mm	mm
2 - pin	27.5	0.8
2 - pin	37.5	1.0
4 - pin	37.5	1.2
4 - pin	52.5	1.2

Metallized Polypropylene Film Capacitor(Radial Lead) DC-Link Application (THB for Severe Ambient Conditions)

DPBG

高温高湿直流滤波电容器

■ PLASTIC CASE DIMENSIONS

Unit: mm

Case Code	W	H	T	P
	±1	±1	±1	±0.5
R10	32	20	11	27.5
R20	32	22	13	27.5
R31	32	24.5	15	27.5
R50	32	28	14	27.5
R60	32	28	18	27.5
R80	32	33	18	27.5
R94	32	37	22	27.5
T10	42.5	45	30	37.5
T23	42.5	33.5	22	37.5
T33	42.5	40	20	37.5
T42	42.5	37	28	37.5
T40	42.5	43	28	37.5
T60	42.5	18	24	37.5
T61	42.5	44	24	37.5
T90	42.5	50	35	37.5
K10	57.5	45	30	52.5
K20	57.5	50	35	52.5
K23	57.5	60	35	52.5
K30	57.5	55	45	52.5
K40	57.5	53	50	52.5

Metallized Polypropylene Film Capacitor(Radial Lead) DC-Link Application (THB for Severe Ambient Conditions)

DPBG

高温高湿直流滤波电容器

PART NUMBER REFERENCE AND DIMENSIONS

Vdc	Cap	Dimensions						Irms	Peak	ESR	ESL	Thermal	dv/dt	Lead	Part Number
	Value uF	W mm	H mm	T mm	P mm	P1 mm	10KHz A @70°C	Current A	10KHz mΩ			Res °C/W		Wire mm	
450	5	32	20	11	27.5	\	5	250	15.0	25	25	47.1	50	0.8	DPBG505K2WB27L5AR10
450	10	32	28	14	27.5	\	7.5	500	8.5	25	25	23.7	50	0.8	DPBG106K2WB27L5AR50
450	18	32	37	22	27.5	\	11	900	6.0	28	28	13.8	50	0.8	DPBG186K2WB27L5AR94
450	20	32	37	22	27.5	\	12.5	1000	5.0	28	28	12.8	50	0.8	DPBG206K2WB27L5AR94
450	22	32	37	22	27.5	\	12.5	1100	5.0	28	28	12.8	50	0.8	DPBG226K2WB27L5AR94
450	30	42.5	40	20	37.5	10.2	12	900	6.0	30	30	11.6	30	1.2	DPBG306K2W437B5AT33
450	40	42.5	37	28	37.5	10.2	14	1200	5.5	30	30	9.3	30	1.2	DPBG406K2W437B5AT42
450	50	42.5	45	30	37.5	20.3	15	1500	4.0	30	30	11.1	30	1.2	DPBG506K2W437D5AT10
450	60	42.5	45	30	37.5	20.3	16.5	1800	4.0	30	30	9.2	30	1.2	DPBG606K2W437D5AT10
450	80	57.5	45	30	52.5	20.3	16	1200	4.0	35	35	7.4	15	1.2	DPBG806K2W452D5AK10
450	100	57.5	50	35	52.5	20.3	18	1500	3.8	35	35	6.2	15	1.2	DPBG107K2W452D5AK20
550	3	32	20	11	27.5	\	4	150	28.0	25	25	22.3	50	0.8	DPBG305K2YB27L5AR20
550	5	32	22	13	27.5	\	6	250	14.0	25	25	16.8	50	0.8	DPBG505K2YB27L5AR20
550	8	32	28	14	27.5	\	8.5	400	12.5	25	25	12.6	50	0.8	DPBG805K2YB27L5AR50
550	10	32	33	18	27.5	\	10	500	8.0	25	25	12.5	50	0.8	DPBG106K2YB27L5AR80
550	15	32	37	22	27.5	\	13	750	6.5	28	28	9.1	50	0.8	DPBG156K2YB27L5AR94
550	15	32	37	22	27.5	10.2	15	750	5.5	28	28	8.1	50	1.2	DPBG156K2Y427B5AR94
550	20	42.5	40	20	37.5	10.2	12.5	600	6.5	30	30	9.8	30	1.2	DPBG206K2Y437B5AT33
550	22	42.5	40	20	37.5	10.2	13.5	660	6.5	30	30	8.4	30	1.2	DPBG226K2Y437B5AT33
550	25	42.5	40	20	37.5	10.2	14.5	750	6.5	30	30	7.3	30	1.2	DPBG256K2Y437B5AT33
550	30	42.5	44	24	37.5	10.2	16	900	6.0	30	30	6.5	30	1.2	DPBG306K2Y437B5AT61
550	35	42.5	45	30	37.5	20.3	18	1050	6.0	30	30	5.1	30	1.2	DPBG356K2Y437D5AT10
550	40	42.5	45	30	37.5	20.3	18	1200	5.5	30	30	5.1	30	1.2	DPBG406K2Y437D5AT10
550	50	42.5	50	35	37.5	20.3	20	1500	5.0	30	30	5.0	30	1.2	DPBG506K2Y437D5AT90
550	60	57.5	45	30	37.5	20.3	18	900	4.8	35	35	6.2	15	1.2	DPBG606K2Y452D5AK10
550	75	57.5	50	35	52.5	20.3	20	1125	5.0	35	35	5.0	15	1.2	DPBG756K2Y452D5AK20
550	100	57.5	55	45	52.5	20.3	24	1500	4.5	35	35	3.9	15	1.2	DPBG107K2Y452D5AK30
550	110	57.5	53	50	52.5	20.3	26	1650	4.0	35	35	3.7	15	1.2	DPBG117K2Y452D5AK40
600	3	32	20	11	27.5	\	4	150	28.0	25	25	22.3	50	0.8	DPBG305K2RB27L5AR10
600	4	32	20	11	27.5	\	5	200	26.0	25	25	14.3	50	0.8	DPBG405K2RB27L5AR10
600	5	32	28	14	27.5	\	6	250	14.5	25	25	26.5	50	0.8	DPBG505K2RB27L5AR50
600	8	32	28	14	27.5	\	7.5	400	12.0	25	25	17.8	50	0.8	DPBG805K2RB27L5AR50
600	10	32	33	18	27.5	\	8.5	500	7.5	25	25	19.8	50	0.8	DPBG106K2RB27L5AR80
600	12	32	33	18	27.5	\	9.5	600	7.5	25	25	15.8	50	0.8	DPBG126K2RB27L5AR80
600	15	32	37	22	27.5	\	10.5	750	7.5	28	28	12.1	50	0.8	DPBG156K2RB27L5AR94
600	20	42.5	40	20	37.5	10.2	11	600	6.0	30	30	13.8	30	1.2	DPBG206K2R437B5AT33
600	30	42.5	37	28	37.5	10.2	13	900	5.5	30	30	10.8	30	1.2	DPBG306K2R437B5AT42
600	40	42.5	45	30	37.5	20.3	18	1200	4.0	30	30	7.7	30	1.2	DPBG406K2R437D5AT10
600	50	57.5	50	35	52.5	20.3	14	750	6.5	35	35	7.8	15	1.2	DPBG506K2R452D5AK20
600	60	57.5	50	35	52.5	20.3	16	900	5.0	35	35	7.8	15	1.2	DPBG606K2R452D5AK20
600	70	57.5	50	35	52.5	20.3	18	1050	5.0	35	35	6.2	15	1.2	DPBG706K2R452D5AK20
600	80	57.5	55	45	52.5	20.3	20	1200	4.0	35	35	6.3	15	1.2	DPBG806K2R452D5AK30
600	90	57.5	55	45	52.5	20.3	24	1350	4.0	35	35	4.3	15	1.2	DPBG906K2R452D5AK30
600	100	57.5	53	50	52.5	20.3	26	1500	4.0	35	35	3.7	15	1.2	DPBG107K2R452D5AK40
600	110	57.5	53	50	52.5	20.3	28	1650	3.5	35	35	3.6	15	1.2	DPBG117K2R452D5AK40
700	3	32	20	11	27.5	\	4.5	150	28.0	25	25	47.0	50	0.8	DPBG305K2SB27L5AR10
700	3.3	32	28	14	27.5	\	5.5	165	26.0	25	25	31.5	50	0.8	DPBG335K2SB27L5AR50
700	5	32	28	14	27.5	\	6	250	14.0	25	25	26.5	50	0.8	DPBG505K2SB27L5AR50
700	8	32	33	18	27.5	\	9	400	10.0	25	25	12.3	50	0.8	DPBG805K2SB27L5AR80
700	10	32	33	18	27.5	\	10	500	7.0	25	25	14.3	50	0.8	DPBG106K2SB27L5AR80

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DPBG

高温高湿直流滤波电容器

PART NUMBER REFERENCE AND DIMENSIONS

Vdc	Cap	Dimensions					Irms	Peak	ESR	ESL	Thermal	dv/dt	Lead	Part Number
	Value	W	H	T	P	P1	10KHz	Current	10KHz		Res		Wire	
	uF	mm	mm	mm	mm	mm	A @70°C	A	mΩ	nH	°C/W	V/us	mm	
700	10	32	37	22	27.5	\	12	500	6.5	28	10.7	50	0.8	DPBG106K2SB27L5AR94
700	10	42.5	18	24	37.5	\	11.5	300	7.5	30	10.1	30	1.0	DPBG106K2SB37L5AT60
700	15	42.5	33.5	22	37.5	\	9	450	9.0	30	13.7	30	1.0	DPBG156K2SB37L5AT23
700	15	42.5	33.5	22	37.5	10.2	10	450	8.0	30	12.5	30	1.2	DPBG156K2S437B5AT23
700	15	42.5	40	20	37.5	10.2	10	450	8.0	30	12.5	30	1.2	DPBG156K2S437B5AT33
700	20	42.5	37	28	37.5	10.2	12	600	7.5	30	11.6	30	1.2	DPBG206K2S437B5AT42
700	22	42.5	44	24	37.5	10.2	14	660	6.5	30	9.3	30	1.2	DPBG226K2S437B5AT61
700	25	42.5	44	24	37.5	10.2	16	750	6.0	30	7.8	30	1.2	DPBG256K2S437B5AT61
700	30	42.5	45	30	37.5	20.3	16	900	5.8	30	8.7	30	1.2	DPBG306K2S437D5AT10
700	35	42.5	50	35	37.5	20.3	20	1050	5.5	30	6.3	30	1.2	DPBG356K2S437D5AT90
700	40	57.5	45	30	52.5	20.3	14	600	5.0	35	8.5	15	1.2	DPBG406K2S452D5AK10
700	45	57.5	45	30	52.5	20.3	15.5	675	5.0	35	7.6	15	1.2	DPBG456K2S452D5AK10
700	50	57.5	50	35	52.5	20.3	15	750	4.8	35	8.1	15	1.2	DPBG506K2S452D5AK20
700	55	57.5	50	35	52.5	20.3	16	825	4.5	35	8.7	15	1.2	DPBG556K2S452D5AK20
700	60	57.5	50	35	52.5	20.3	18	900	4.0	35	7.7	15	1.2	DPBG606K2S452D5AK20
700	65	57.5	55	45	52.5	20.3	20	975	4.0	35	6.3	15	1.2	DPBG656K2S452D5AK30
700	70	57.5	55	45	52.5	20.3	20	1050	3.8	35	6.3	15	1.2	DPBG706K2S452D5AK30
700	75	57.5	55	45	52.5	20.3	20	1125	3.8	35	6.3	15	1.2	DPBG756K2S452D5AK30
700	80	57.5	53	50	52.5	20.3	22	1200	3.5	35	5.9	15	1.2	DPBG806K2S452D5AK40
700	90	57.5	53	50	52.5	20.3	24	1350	3.5	35	5.0	15	1.2	DPBG906K2S452D5AK40
800	3.3	32	28	14	27.5	\	4	165	25.0	25	32.1	50	0.8	DPBG335K2KB27L5AR50
800	5	32	28	14	27.5	\	6	250	12.0	25	26.5	50	0.8	DPBG505K2KB27L5AR50
800	9	32	33	18	27.5	\	10	198	10.5	25	9.1	22	0.8	DPBG905K2KB27L5AR80
800	10	32	37	22	27.5	\	11.5	220	9.5	28	8.0	22	0.8	DPBG106K2KB27L5AR94
800	15	42.5	40	20	37.5	10.2	10	450	8.0	30	12.5	30	1.2	DPBG156K2K437B5AT33
800	20	42.5	37	28	37.5	10.2	12	600	7.0	30	11.6	30	1.2	DPBG206K2K437B5AT42
800	22	42.5	44	24	37.5	10.2	14	660	6.0	30	9.3	30	1.2	DPBG226K2K437B5AT61
800	25	42.5	45	30	37.5	20.3	14	425	5.5	30	7.5	17	1.2	DPBG256K2K437D5AT10
800	30	42.5	45	30	37.5	20.3	16	900	4.5	30	8.7	30	1.2	DPBG306K2K437D5AT10
800	35	57.5	45	30	52.5	20.3	14.2	420	6.5	35	7.6	12	1.2	DPBG356K2K452D5AK10
800	40	57.5	45	30	52.5	20.3	14	600	6.0	35	8.5	15	1.2	DPBG406K2K452D5AK10
800	45	57.5	45	30	52.5	20.3	15.5	675	5.5	35	7.6	15	1.2	DPBG456K2K452D5AK10
800	47	57.5	50	35	52.5	20.3	17.5	564	5.0	35	6.5	12	1.2	DPBG476K2K452D5AK20
800	50	57.5	50	35	52.5	20.3	16	600	5.0	35	7.8	12	1.2	DPBG506K2K452D5AK20
800	55	57.5	50	35	52.5	20.3	17	660	4.6	35	6.9	12	1.2	DPBG556K2K452D5AK20
800	65	57.5	60	35	52.5	20.3	19	780	4.0	35	7.3	12	1.2	DPBG656K2K452D5AK23
800	65	57.5	55	45	52.5	20.3	20	975	4.0	35	6.3	15	1.2	DPBG656K2K452D5AK30
800	70	57.5	55	45	52.5	20.3	20	1050	3.8	35	6.3	15	1.2	DPBG706K2K452D5AK30
800	75	57.5	55	45	52.5	20.3	20	1125	3.8	35	6.3	15	1.2	DPBG756K2K452D5AK30
800	80	57.5	53	50	52.5	20.3	22	1200	3.5	35	5.9	15	1.2	DPBG806K2K452D5AK40
800	90	57.5	53	50	52.5	20.3	24	1350	3.5	35	5.0	15	1.2	DPBG906K2K452D5AK40
900	2	32	20	11	27.5	\	3	120	25.0	25	44.4	60	0.8	DPBG205K2UB27L5AR10
900	3	32	22	13	27.5	\	5	180	18.5	25	21.6	60	0.8	DPBG305K2UB27L5AR20
900	3.3	32	24.5	15	27.5	\	5	198	18.5	25	21.6	60	0.8	DPBG335K2UB27L5AR31
900	5	32	28	18	27.5	\	7	300	12.5	25	16.3	60	0.8	DPBG505K2UB27L5AR60
900	6	32	33	18	27.5	\	8	360	11.0	25	14.2	60	0.8	DPBG605K2UB27L5AR80
900	8	32	37	22	27.5	\	10.5	480	10.0	28	9.1	60	0.8	DPBG805K2UB27L5AR94
900	10	32	37	22	27.5	\	12	600	10.0	28	6.9	60	0.8	DPBG106K2UB27L5AR94
900	10	42.5	40	20	37.5	\	8.5	350	12.0	30	11.5	35	1.0	DPBG106K2UB37L5AT33
900	10	42.5	40	20	37.5	10.2	9.5	350	11.5	30	9.6	35	1.2	DPBG106K2U437B5AT33

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DPBG

高温高湿直流滤波电容器

PART NUMBER REFERENCE AND DIMENSIONS

Vdc	Cap	Dimensions					Irms	Peak	ESR	ESL	Thermal	dv/dt	Lead	Part Number
	Value	W	H	T	P	P1	10KHz	Current	10KHz		Res		Wire	
	uF	mm	mm	mm	mm	mm	A @70°C	A	mΩ	nH	°C/W	V/us	mm	
900	15	42.5	44	24	37.5	\	10.5	525	8.0	30	11.3	35	1.0	DPBG156K2UB37L5AT61
900	15	42.5	44	24	37.5	10.2	12	525	7.5	30	9.3	35	1.2	DPBG156K2U437B5AT61
900	18	42.5	44	24	37.5	\	10.5	630	8.0	30	11.3	35	1.0	DPBG186K2UB37L5AT61
900	18	42.5	44	24	37.5	10.2	12	630	7.5	30	9.3	35	1.2	DPBG186K2U437B5AT61
900	20	42.5	45	30	37.5	\	14	700	6.0	30	8.5	35	1.0	DPBG206K2UB37L5AT10
900	20	42.5	45	30	37.5	20.3	15	700	5.5	30	8.1	35	1.2	DPBG206K2U437D5AT10
900	25	42.5	45	30	37.5	20.3	17	875	5.5	30	6.3	35	1.2	DPBG256K2U437D5AT10
900	30	42.5	50	35	37.5	20.3	19	1050	5.0	30	5.5	35	1.2	DPBG306K2U437D5AT90
900	30	57.5	45	30	52.5	20.3	15	450	5.5	35	8.1	15	1.2	DPBG306K2U452D5AK10
900	35	57.5	50	35	52.5	20.3	15.5	525	5.5	35	7.6	15	1.2	DPBG356K2U452D5AK20
900	40	57.5	50	35	52.5	20.3	16	600	6.5	35	6.0	15	1.2	DPBG406K2U452D5AK20
900	50	57.5	50	35	52.5	20.3	18	750	3.6	35	8.6	15	1.2	DPBG506K2U452D5AK20
900	55	57.5	60	35	52.5	20.3	19	825	3.5	35	7.9	15	1.2	DPBG556K2U452D5AK23
900	55	57.5	55	45	52.5	20.3	20	825	3.4	35	7.4	15	1.2	DPBG556K2U452D5AK30
900	60	57.5	55	45	52.5	20.3	20	900	3.4	35	7.4	15	1.2	DPBG606K2U452D5AK30
900	70	57.5	53	50	52.5	20.3	20	1050	3.2	35	7.8	15	1.2	DPBG706K2U452D5AK40
1000	2	32	22	13	27.5	\	3.5	120	30.0	25	27.2	60	0.8	DPBG205K3AB27L5AR20
1000	3	32	24.5	15	27.5	\	5	180	25.0	25	16.0	60	0.8	DPBG305K3AB27L5AR31
1000	5	32	33	18	27.5	\	8	300	14.0	25	11.2	60	0.8	DPBG505K3AB27L5AR80
1000	8	32	37	22	27.5	\	10	480	12.0	28	8.3	60	0.8	DPBG805K3AB27L5AR94
1000	10	42.5	40	20	37.5	\	8.5	350	12.0	30	11.5	35	1.0	DPBG106K3AB37L5AT33
1000	10	42.5	40	20	37.5	10.2	9.5	350	11.5	30	9.6	35	1.2	DPBG106K3A437B5AT33
1000	12	42.5	44	24	37.5	10.2	10.5	420	9.0	30	10.1	35	1.2	DPBG126K3A437B5AT61
1000	15	42.5	44	24	37.5	\	10.5	525	8.0	30	11.3	35	1.0	DPBG156K3AB37L5AT61
1000	15	42.5	44	24	37.5	10.2	12	525	7.5	30	9.3	35	1.2	DPBG156K3A437B5AT61
1000	15	42.5	45	30	37.5	20.3	14	525	7.5	30	6.8	35	1.2	DPBG156K3A437D5AT10
1000	20	42.5	45	30	37.5	20.3	15	700	6.5	30	6.8	35	1.2	DPBG206K3A437D5AT10
1000	25	42.5	50	35	37.5	20.3	18	875	5.5	30	5.6	35	1.2	DPBG256K3A437D5AT90
1000	30	57.5	45	30	52.5	20.3	15	450	5.5	35	8.1	15	1.2	DPBG306K3A452D5AK10
1000	35	57.5	50	35	52.5	20.3	16	525	5.5	35	7.1	15	1.2	DPBG356K3A452D5AK20
1000	40	57.5	50	35	52.5	20.3	16	600	5.0	35	7.8	15	1.2	DPBG406K3A452D5AK20
1000	50	57.5	55	45	52.5	20.3	19	750	4.5	35	6.2	15	1.2	DPBG506K3A452D5AK30
1000	60	57.5	53	50	52.5	20.3	22	900	4.0	35	5.2	15	1.2	DPBG606K3A452D5AK40
1100	1	32	20	11	27.5	\	2.5	70	45.0	25	35.6	70	0.8	DPBG105K3LB27L5AR10
1100	1.5	32	22	13	27.5	\	3.5	105	30.0	25	27.2	70	0.8	DPBG155K3LB27L5AR20
1100	2	32	24.5	15	27.5	\	4	140	25.0	25	25.0	70	0.8	DPBG205K3LB27L5AR31
1100	2.2	32	28	14	27.5	\	5	154	16.5	25	24.2	70	0.8	DPBG225K3LB27L5AR50
1100	3.3	32	28	18	27.5	\	6.5	231	11.5	25	20.6	70	0.8	DPBG335K3LB27L5AR60
1100	4	32	33	18	27.5	\	8	280	10.5	25	14.9	70	0.8	DPBG405K3LB27L5AR80
1100	5	32	37	22	27.5	\	8.5	350	9.5	28	14.6	70	0.8	DPBG505K3LB27L5AR94
1100	6.8	42.5	33.5	22	37.5	10.2	12	272	13.5	30	5.1	40	1.2	DPBG685K3L437B5AT23
1100	8	42.5	40	20	37.5	\	10.5	320	14.0	30	6.5	40	1.0	DPBG805K3LB37L5AT33
1100	8	42.5	40	20	37.5	10.2	12.5	320	12.5	30	5.1	40	1.2	DPBG805K3L437B5AT33
1100	10	42.5	44	24	37.5	\	14	400	9.0	30	5.7	40	1.0	DPBG106K3LB37L5AT61
1100	10	42.5	44	24	37.5	10.2	15	400	8.5	30	5.2	40	1.2	DPBG106K3L437B5AT61
1100	12	42.5	45	30	37.5	20.3	15.5	480	7.5	30	5.5	40	1.2	DPBG126K3L437D5AT10
1100	18	42.5	50	35	37.5	20.3	15.5	720	7.5	30	5.5	40	1.2	DPBG186K3L437D5AT90
1100	20	57.5	45	30	52.5	20.3	12	400	8.5	35	8.2	20	1.2	DPBG206K3L452D5AK10
1100	30	57.5	50	35	52.5	20.3	15	600	5.0	35	8.9	20	1.2	DPBG306K3L452D5AK20
1100	40	57.5	55	45	52.5	20.3	17	800	5.5	35	6.3	20	1.2	DPBG406K3L452D5AK30

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Metallized Polypropylene Film Capacitor(Radial Lead) DC-Link Application (THB for Severe Ambient Conditions)

DPBG

高温高湿直流滤波电容器

PART NUMBER REFERENCE AND DIMENSIONS

Vdc	Cap	Dimensions					Irms	Peak	ESR	ESL	Thermal	dv/dt	Lead	Part Number
	Value	W	H	T	P	P1	10KHz	Current	10KHz		Res		Wire	
	uF	mm	mm	mm	mm	mm	A @70°C	A	mΩ	nH	°C/W	V/us	mm	
1100	50	57.5	53	50	52.5	20.3	20	1000	4.5	35	5.6	20	1.2	DPBG506K3L452D5AK40
1200	1	32	20	11	27.5	\	4.5	80	32.5	25	15.2	80	0.8	DPBG105K3MB27L5AR10
1200	2	32	24.5	15	27.5	\	5	160	32.5	25	12.3	80	0.8	DPBG205K3MB27L5AR31
1200	2.2	32	28	18	27.5	\	5.5	176	17.0	25	19.4	80	0.8	DPBG225K3MB27L5AR60
1200	3	32	28	18	27.5	\	7	240	16.0	25	12.8	80	0.8	DPBG305K3MB27L5AR60
1200	3.3	32	33	18	27.5	\	8	264	13.5	25	11.6	80	0.8	DPBG335K3MB27L5AR80
1200	5	32	37	22	27.5	\	10	400	12.0	28	8.3	80	0.8	DPBG505K3MB27L5AR94
1200	5	42.5	33.5	22	37.5	\	7.5	225	15.5	30	11.5	45	1.0	DPBG505K3MB37L5AT23
1200	6	42.5	40	20	37.5	\	7.5	270	15.5	30	11.5	45	1.0	DPBG605K3MB37L5AT33
1200	8	42.5	44	24	37.5	10.2	9	360	12.5	30	9.9	45	1.2	DPBG805K3M437B5AT61
1200	10	42.5	44	24	37.5	10.2	10	450	10.5	30	9.5	45	1.2	DPBG106K3M437B5AT61
1200	10	42.5	45	30	37.5	20.3	12	450	8.0	30	8.7	45	1.2	DPBG106K3M437D5AT10
1200	15	42.5	50	35	37.5	20.3	15	675	6.5	30	6.8	45	1.2	DPBG156K3M437D5AT90
1200	20	57.5	45	30	52.5	20.3	13	500	8.5	35	9.7	25	1.2	DPBG206K3M452D5AK10
1200	25	57.5	50	35	52.5	20.3	15	625	6.5	35	9.1	25	1.2	DPBG256K3M452D5AK20
1200	30	57.5	55	45	52.5	20.3	17	750	5.5	35	8.1	25	1.2	DPBG306K3M452D5AK30
1200	35	57.5	55	45	52.5	20.3	18	875	5.0	35	6.9	25	1.2	DPBG356K3M452D5AK30
1200	40	57.5	53	50	52.5	20.3	20	1000	4.5	35	5.6	25	1.2	DPBG406K3M452D5AK40

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