

RoHS series

Part Number Code.

Example :

P D B B 2 1 0 2 □ □- 5 □ □
 (1) (2) (3) (4) (5) (6) (7) (8) (9)

(1) PTC. (Positive Temperature Coefficient)

(2) Disc Type

(3) Nominal Diameter

Code	A	B	D	E	G	J
Disc Φ	3	5	8	10	13	15

(4) Temp. Curie Point

Code	S5~S9	B0~B2
CP(°C)	50~90	100~120

(5) Resistance of 25°C

8R0	:	8 Ω
101	:	100 Ω
152	:	1500 Ω

(6) Tolerance of Resistance

M	:	$\pm 20\%$
X	:	$\pm 25\%$
N	:	$\pm 30\%$

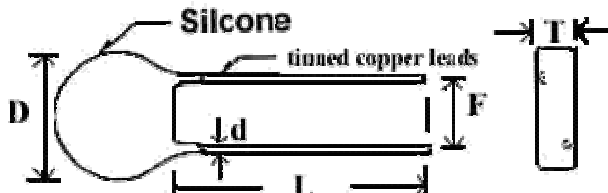
(7) Rated Voltage

Code	B	E	J	Q	S
Rated Voltage(V)	12	24	50	110/120	220

(8) RoHS Type

(9) Forming Type

DIMENSION



Disc Φ	Dmax	Lmin	d	F	Tmax
3(A)	4	25	0.50±0.02	2.5±1.0	3
5(B)	7	25	0.50±0.02	3.5±1.0	5
8(D)	10	25	0.60±0.02	5.0±1.0	5
10(E)	12	25	0.60±0.02	5.0±1.0	5
13(G)	15	25	0.80±0.02	7.5±1.0	6
15(J)	17	25	0.80±0.02	7.5±1.0	6

SPECIFICATIONS

Rated voltage 50Vac

Part No.	at 25°C (Ω)	Curie Point (°C)	Int MAX. at 25°C (mA)	It MIN. at 25°C (mA)	Max. current (A)	Operating Temperature Range (°C)
PDDS5800 □ J-5	80	50±10	125	250	0.5	-10~+60
PDGS65R0 □ J-5	5	60±10	160	320	1.5	-10~+60
PDDS88R0 □ J-5	8	80±10	125	250	0.5	-10~+60
PDDS86R0 □ J-5	6		160	320	0.5	-10~+60
PDBB2201 □ J-5	200	120±10	45	90	0.3	-10~+60
PDBB3102 □ J-5	1000	130±10	23	45	0.1	-10~+60

Rated voltage 80Vac type

Part No.	at 25°C (Ω)	Curie Point (°C)	Int MAX. at 25°C (mA)	It MIN. at 25°C (mA)	Max. current (A)	Operating Temperature Range (°C)
PDBS6101 □ M-5	100	60±10	15	30	0.1	-10~+60
PDDS6150 □ M-5	15		65	130	0.5	-10~+60
PDES6120 □ M-5	12		85	170	1	-10~+60
PDGS69R0 □ M-5	9		140	280	1.5	-10~+60
PDJS66R0 □ M-5	6		160	320	2	-10~+60
PDBS8250 □ M-5	25	80±10	50	110	0.3	-10~+60
PDDS8100 □ M-5	10		115	230	0.5	-10~+60
PDES88R0 □ M-5	8		135	270	1	-10~+60
PDGS85R0 □ M-5	5		260	520	1.5	-10~+60
PDBB0250 □ M-5	25	100±10	85	165	0.3	-10~+60
Pddb0120 □ M-5	12		137	275	0.5	-10~+60
PDEB09R0 □ M-5	9		180	365	1	-10~+60
PDGB05R0 □ M-5	5		290	580	1.5	-10~+60
PDBB2250 □ M-5	25	120±10	105	210	0.3	-10~+60
Pddb2250 □ M-5	25		125	250	0.5	-10~+60
Pddb2150 □ M-5	15		137	275	0.5	-10~+60
Pddb24R0 □ M-5	4		250	500	1	-10~+60
PDEB2100 □ M-5	10		210	420	1	-10~+60
PDGB25R0 □ M-5	5		340	680	1.5	-10~+60

Rated voltage 120/110Vac type(max.voltage 132Vac)

Part No.	at 25°C (Ω)	Curie Point (°C)	Int MAX. at 25°C (mA)	It MIN. at 25°C (mA)	Max. current (A)	Operating Temperature Range (°C)
PDBS6152 □ Q-5	1500	60±10	7	15	0.1	-10~+60
PDBS6151 □ Q-5	150		21	42	0.1	-10~+60
PDBS6101 □ Q-5	100		25	50	0.1	-10~+60
PDBS6700 □ Q-5	70		28	54	0.1	-10~+60
PDDS6500 □ Q-5	50		55	110	0.5	-10~+60
PDDS6200 □ Q-5	20		62	125	0.5	-10~+60
PDES6150 □ Q-5	15		85	170	1	-10~+60
PDGS65R0 □ Q-5	5		225	450	1.5	-10~+60
PDBS8300 □ Q-5	30	80±10	55	110	0.3	-10~+60
PDDS8120 □ Q-5	12		117	235	0.8	-10~+60
PDES8330 □ Q-5	33		95	190	1	-10~+60
PDES8220 □ Q-5	22		120	240	1	-10~+60
PDES89R0 □ Q-5	9		195	390	1	-10~+60
PDGS85R0 □ Q-5	5		285	570	1.5	-10~+60
PDJS84R0 □ Q-5	4		350	700	2	-10~+60
PDBB0102 □ Q-5	1000	100±10	15	30	0.1	-10~+60
PDBB0300 □ Q-5	30		75	150	0.3	-10~+60
PDBB0220 □ Q-5	22		100	200	0.3	-10~+60
PDDB0101 □ Q-5	100		40	80	0.5	-10~+60
PDDB0220 □ Q-5	22		120	240	0.5	-10~+60
PDDB0150 □ Q-5	15		125	250	0.5	-10~+60
PDEB0220 □ Q-5	22		140	280	1	-10~+60
PDEB0100 □ Q-5	10		225	450	1	-10~+60
PDGB06R0 □ Q-5	6		330	660	1.5	-10~+60
PDJB05R0 □ Q-5	5	350	700	2	-10~+60	
PDBB2152 □ Q-5	1500	120±10	15	30	0.1	-10~+60
PDBB2122 □ Q-5	1200		15	30	0.1	-10~+60
PDBB2102 □ Q-5	1000		18	36	0.1	-10~+60
PDBB2701 □ Q-5	700		23	46	0.1	-10~+60
PDBB2601 □ Q-5	600		25	50	0.1	-10~+60
PDBB2501 □ Q-5	500		35	70	0.1	-10~+60
PDBB2251 □ Q-5	250		45	90	0.3	-10~+60
PDBB2201 □ Q-5	200		45	90	0.3	-10~+60
PDBB2151 □ Q-5	150		50	100	0.3	-10~+60
PDBB2101 □ Q-5	100		65	130	0.3	-10~+60
PDBB2800 □ Q-5	80		75	150	0.3	-10~+60
PDBB2600 □ Q-5	60		100	200	0.3	-10~+60
PDBB2500 □ Q-5	50		100	200	0.3	-10~+60
PDBB2450 □ Q-5	45		100	200	0.3	-10~+60
PDBB2250 □ Q-5	25		125	250	0.5	-10~+60
PDBB2200 □ Q-5	20		125	250	0.5	-10~+60
PDDB2390 □ Q-5	39		130	250	0.5	-10~+60
PDDB2280 □ Q-5	28		130	280	0.5	-10~+60
PDDB2220 □ Q-5	22		130	280	0.5	-10~+60
PDDB2200 □ Q-5	20		130	280	0.5	-10~+60
PDDB2100 □ Q-5	10		200	400	0.8	-10~+60
PDEB2220 □ Q-5	22		190	380	1	-10~+60

PDEB2150 □ Q-5	15		225	450	1	-10~+60
PDEB2100 □ Q-5	10		275	550	1	-10~+60
PDEB28R0 □ Q-5	8		280	560	1	-10~+60
PDGB2680 □ Q-5	68		125	250	1.5	-10~+60
PDGB2250 □ Q-5	25		200	400	1.5	-10~+60
PDGB2180 □ Q-5	18		225	450	1.5	-10~+60
PDGB2150 □ Q-5	15		250	500	1.5	-10~+60
PDGB2120 □ Q-5	12		250	500	1.5	-10~+60
PDGB29R0 □ Q-5	9		300	600	1.5	-10~+60
PDGB26R0 □ Q-5	6		350	700	1.5	-10~+60
PDJB27R0 □ Q-5	7		350	700	2	-10~+60
PDBB3102 □ Q-5	1000	130±10	23	45	0.1	-10~+60

Rated voltage 220Vac type(max.voltage 265Vac)

Part No.	at 25℃ (Ω)	Curie Point (℃)	Int MAX. at 25℃ (mA)	It MIN. at 25℃ (mA)	Max. current (A)	Operating Temperature Range (℃)
PDBS6700 □ S	70	60±5	25	50	0.4	-10~+60
PDBS6101 □ S	100		25	50	0.4	-10~+60
PDBS6151 □ S	150		21	42	0.1	-10~+60
PDBS6181 □ S	180		18	36	0.1	-10~+60
PDBS6201 □ S	200		18	36	0.1	-10~+60
PDBS6251 □ S	250		17	34	0.1	-10~+60
PDBS6501 □ S	500		10	20	0.1	-10~+60
PDDS6300 □ S	30		55	110	0.5	-10~+60
PDES6200 □ S	20		78	160	1.5	-10~+60
PDGS67R0 □ S	7		210	420	2.2	-10~+60
PDGS68R0 □ S	8		190	380	2.2	-10~+60
PDGS6150 □ S	15		210	220	2.2	-10~+60
PDJS6100 □ S	10		130	260	4.1	-10~+60
PDBS7151MS	150	70±5	23	46	0.1	-10~+60
PDBS7201MS	200		23	46	0.1	-10~+60
PDBS8300 □ S	30	80±5	50	100	0.5	-10~+60
PDBS8101 □ S	100		35	70	0.1	-10~+60
PDBS8501 □ S	500		15	30	0.1	-10~+60
PDBS8681 □ S	680		15	30	0.1	-10~+60
PDBS8102 □ S	1000		15	30	0.1	-10~+60
PDBS8152 □ S	1500		13	26	0.1	-10~+60
PDBS8182 □ S	1800		10	20	0.1	-10~+60
PDBS8202 □ S	2000		7.5	15	0.1	-10~+60
PDDS8150 □ S	15		100	200	1	-10~+60
PDDS8101 □ S	100		45	90	1	-10~+60
PDES8100 □ S	10		150	300	1.5	-10~+60
PDGS87R0 □ S	7		265	530	2.2	-10~+60
PDJS85R0 □ S	5		300	600	4.1	-10~+60
PDBS9701 □ S	700	90±5	15	30	0.1	-10~+60
PDBB0400 □ S	40		60	120	0.5	-10~+60
PDBB0501 □ S	500		23	46	0.1	-10~+60
PDBB0601 □ S	600		23	46	0.1	-10~+60
PDBB0701 □ S	700		20	40	0.1	-10~+60
PDBB0102 □ S	1000		18	36	0.1	-10~+60
PDBB0122 □ S	1200		17	34	0.1	-10~+60

PDBB0152□S	1500	100±5	16	32	0.1	-10~+60	
PDBB0202□S	2000		14	28	0.1	-10~+60	
PDDB0200□S	20		120	240	1	-10~+60	
PDEB0120□S	12		180	360	1.5	-10~+60	
PDGB07R0□S	7		285	570	2.2	-10~+60	
PDGB0501□S	500		36	72	1.5	-10~+60	
PDGB0501□S	500		30	80	1.5	-10~+60	
PDJB05R0□S	5		350	700	4.1	-10~+60	
PDBB1112□S	1100	110±5	17	33	0.1	-10~+60	
PDBB2600□S	60	120±5	60	120	0.5	-10~+60	
PDBB2121□S	120		50	100	0.1	-10~+60	
PDBB2151□S	150		50	100	0.1	-10~+60	
PDBB2201□S	200		43	95	0.1	-10~+60	
PDBB2251□S	250		45	90	0.1	-10~+60	
PDBB2301□S	300		45	90	0.3	-10~+60	
PDBB2501□S	500		35	70	0.1	-10~+60	
PDBB2601□S	600		20	60	0.1	-10~+60	
PDBB2102□S	1000		18	36	0.1	-10~+60	
PDBB2152□S	1500		10	30	0.1	-10~+60	
PDDB2220□S	22		160	320	0.5	-10~+60	
PDDB2250□S	25		140	280	0.5	-10~+60	
PDDB2301□S	300		80	40	0.5	-10~+60	
PDEB2100□S	10		275	550	1	-10~+60	
PDEB2120□S	12		250	500	1	-10~+60	
PDEB2150□S	15		225	450	1	-10~+60	
PDEB2190□S	19		210	420	1	-10~+60	
PDEB2220□S	22		190	380	1	-10~+60	
PDEB2270□S	27		175	350	1	-10~+60	
PDEB2300□S	30		150	320	1	-10~+60	
PDEB2350□S	35		130	260	1	-10~+60	
PDEB2470□S	47		125	250	1	-10~+61	
PDGB28R0□S	8		285	570	2.2	-10~+60	
PDGB29R3□S	9.3		285	570	2.2	-10~+60	
PDGB2270□S	27		200	400	1.5	-10~+60	
PDGB2680□S	68		125	250	1.5	-10~+60	
PDGB2701□S	700		50	100	1.5	-10~+60	
PDGB2103□S	1000		90	45	1.5	-10~+60	
PDGB2152□S	1500		35	70	1.5	-10~+60	
PDJB26R0□S	6		480	960	2	-10~+60	
PDBB3301□S	300		130±5	40	80	0.1	-10~+60
PDBB3501□S	500			35	70	0.1	-10~+60
PDBB3701□S	700	30		60	0.1	-10~+60	
PDEB3300□S	30	120		240	1	-10~+60	
PDEB3560□S	56	105		210	1	-10~+60	
PDEB3101□S	100	100		200	1	-10~+60	
PDEB5301□S	300	150±5	55	110	1	-10~+60	
PDEB5501□S	500		50	100	1	-10~+60	
PDEB5801□S	800		45	96	1	-10~+60	
PDEB5102□S	1000		40	90	1	-10~+60	
PDEB5152□S	1500		35	80	1	-10~+60	