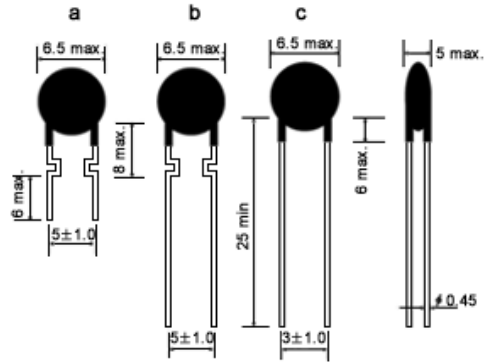


UPD Series



FEATURES

- 5mm,8mm 10mm 13 mm 15mm 20mm Epoxy coated Disc Type.
- Positive Temperature Coefficient(PTC) thermistors these Barium-Titanate-base switching.
- Type **UPD Series** thermistors exhibit a very large resistance increase over a specific temperature level are specially designed for color TV/monitors degaussing over-current /over-temperature protection, are suppression, motor-starter, temperature compensation and general circuitsetc.

SPECIFICATIONS

30V type(Max. Voltage 30V) T: Max 4mm

Part Number	Diameter ϕ D Max (mm)	Curie Point (°C)	Int Max At 25 °C (mA)	It Min At 25 °C (mA)	Max Current (A)	Resistance At 25 °C \pm 30% Ω
UPDBS6300 □□	7	60 \pm 10	33	65	0.5	30
UPDDS6120 □□	10		65	130	0.5	12
UPDES68R0 □□	12		75	150	1	8
UPDGS65R0 □□	15		145	295	0.6	5
UPDJS64R0 □□	17		182	364	0.7	4
UPDBS8120 □□	7	80 \pm 10	65	130	0.5	12
UPDDS85R0 □□	10		135	270	0.6	5
UPDES84R0 □□	12		150	300	0.7	4
UPDGS82R5 □□	15		312	625	1.5	2.5
UPDJS81R5 □□	17		360	750	2	1.5
UPDBB0300 □□	7		35	70	0.5	30

Part Number	Diameter ϕ D Max (mm)	Curie Point (°C)	Int Max At 25 °C (mA)	It Min At 25 °C (mA)	Max Current (A)	Resistance At 25 °C \pm 30% Ω
UPDDB04R0 □□	10	100 \pm 10	235	470	0.7	4
UPDDB02R5 □□	12		355	710	1.2	2.5
UPDGB02R0 □□	15		360	720	1.5	2
UPDJB01R5 □□	17		475	950	2	1.5
UPDAB22R5 □□	4.5	120 \pm 10	225	450	1.5	2.5
UPDBB2100 □□	7		140	280	1.0	10
UPDBB24R0 □□	10		250	500	1.0	4
UPDEB22R5 □□	12		390	780	1.2	2.5
UPGEB22R0 □□	15		505	1010	1.5	2
UPDJB21R5 □□	17		520	1040	2	1.5

Part Number	Diameter ϕ D Max (mm)	Curie Point (°C)	Int Max At 25 °C (mA)	It Min At 25 °C (mA)	Max Current (A)	Resistance At 25 °C \pm 30% Ω
UPDBS6101 □□	7	60 \pm 10	15	30	0.3	100
UPDDS6150 □□	10		65	130	1.5	15
UPDES6120 □□	12		85	170	2	12
UPDGS69R0 □□	15		140	280	3	9
UPDJS66R0 □□	17		160	320	4	6
UPDBS8250 □□	7		50	110	1	25
UPDDS8100 □□	10		115	230	2.5	10

80V type(Max. Voltage 80V) T: Max 5mm

Part Number	Diameter ϕ D Max (mm)	Curie Point (°C)	Int Max At 25 °C (mA)	It Min At 25 °C (mA)	Max Current (A)	Resistance At 25 °C \pm 30% Ω
UPDES88R0 □□	12	80 \pm 10	135	270	3	8
UPDGS85R0 □□	15		260	520	4	5
UPDJS84R0 □□	17		380	560	5.5	4
UPDBB0250 □□	7	100 \pm 10	85	165	1	25
UPDDB0120 □□	10		137	275	2	12
UPDEB09R0 □□	12		180	365	3	9
UPDGB05R0 □□	15		330	580	4	5
UPDJB04R0 □□	17		350	780	5.5	4
UPDBB2250 □□	7	120 \pm 10	105	210	1	25
UPDDB2150 □□	10		137	275	1.5	15
UPDEB2100 □□	12		210	420	3	10
UPDGB25R0 □□	15		340	680	4	5
UPDJB24R0 □□	17		480	960	5.5	4

120V type(Max. Voltage 120V) T: Max 5mm

Part Number	Diameter ϕ D Max (mm)	Curie Point (°C)	Int Max At 25 °C (mA)	It Min At 25 °C (mA)	Max Current (A)	Resistance At 25 °C \pm 30% Ω
UPDBS6700 □□	7	60 \pm 10	20	40	0.4	70
UPDDS6200 □□	10		62	125	0.5	20
UPDES6150 □□	12		85	170	1.5	15
UPDGS68R0 □□	15		160	320	2.2	8
UPDJS65R0 □□	17		225	450	4.1	5
UPDBS8300 □□	7	80 \pm 10	55	110	0.5	30
UPDDS8120 □□	10		117	235	1	12
UPDES89R0 □□	12		150	300	1.5	9
UPDGS85R0 □□	15		285	570	2.2	5
UPDJS84R0 □□	17		350	700	4.1	4

120V type(Max. Voltage 120V) T: Max 5mm

Part Number	Diameter ϕ D Max (mm)	Curie Point (°C)	Int Max At 25 °C (mA)	It Min At 25 °C (mA)	Max Current (A)	Resistance At 25 °C \pm 30% Ω
UPDBB0300 □□	7	100 \pm 10	75	150	0.5	30
UPDDB0150 □□	10		125	250	1	15
UPDEB0100 □□	12		185	370	1.5	10
UPDGB06R0 □□	15		330	660	2.2	6
UPDJB05R0 □□	17		350	700	4.1	5
UPDDB2450 □□	7	120 \pm 10	70	135	0.5	45
UPDDB2200 □□	10		130	280	1	20
UPDEB2150 □□	12		175	350	1.5	15
UPDGB29R0 □□	15		300	600	2.2	9
UPDJB27R0 □□	17		350	700	4.1	7

220V type(Max. Voltage 220V) T: Max 5mm

Part Number	Diameter ϕ D Max (mm)	Curie Point (°C)	Int Max At 25 °C (mA)	It Min At 25 °C (mA)	Max Current (A)	Resistance At 25 °C \pm 30% Ω
UPDBS6700 □□	7	60 \pm 10	25	50	0.4	70
UPDDS6300 □□	10		55	110	0.5	30
UPDES6200 □□	12		78	160	1.5	25
UPDGS6150 □□	15		210	220	2.2	15
UPDJS6100 □□	17		130	260	4.1	10
UPDBS8300 □□	7	80 \pm 10	50	100	0.5	30
UPDDS8150 □□	10		100	200	1	15
UPDES8100 □□	12		150	300	1.5	10
UPDGS87R0 □□	15		265	530	2.2	7
UPDJS85R0 □□	17		300	600	4.1	5
UPDBB0400 □□	7	100 \pm 10	60	120	0.5	40
UPDDB0200 □□	10		120	240	1	20
UPDEB0120 □□	12		180	360	1.5	12
UPDGB7R0 □□	15		285	570	2.2	7

Part Number	Diameter ϕ D Max (mm)	Curie Point (°C)	Int Max At 25 °C (mA)	It Min At 25 °C (mA)	Max Current (A)	Resistance At 25 °C \pm 30% Ω
UPDJB05R0 □□	17	100 \pm 10	350	700	4.1	5
UPDDB2600 □□	7		60	120	0.5	60
UPDDB2250 □□	10		140	280	1	25
UPDEB2190 □□	12		173	345	1.5	19
UPDGB28R0 □□	15		285	570	2.2	8
UPDJB26R0 □□	17		350	700	4.1	6

Res. Tolerance K = \pm 10% L = \pm 15% M = \pm 20% N = \pm 30%

Order Map UP □ B2 - 220 - □ - □ - □□□

Series Code Type Nominal Diameter Switching Resistance Res. Tolerance Rated Wire Forming
Disc B : 5mm D : 8mm Temperature at 25°C Voltage Type
PTC thermistor E : 10mm G : 13mm
J : 15mm K : 20mm

