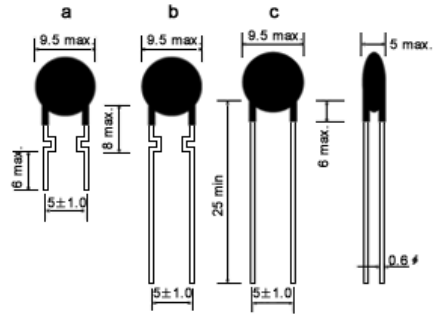


UNTC-7D~30D Series



FEATURES:

- 7mm 9mm 11mm 13 mm 15mm 20mm 30mm Epoxy coated Disc Type.
- SURGE PROTECTORS of ceramic material are made from specially formulated metal oxide.
- The Power Thermistor is a device for suppressing inrush current to an electric circuit.
- The Power Thermistor in the circuits protects electric equipment's from being damaged by limiting the inrush current.

Diameter (mm)	Part Number	Resistance at 25°C (Ω)	Max. Steady State Current (Amps)	(25°C Ambient) Approx. Res at Max. CurrentΩ	Thermal Dissipation Constant (mW/°C)	Thermal Time Constant (sec)
7	UNTC-2.5D-7 □	2.5	3	0.110	9	35
	UNTC - 5D- 7 □	5	3	0.171	9	35
	UNTC - 8D- 7 □	8	2.5	0.245	9	35
	UNTC -10D-7 □	10	2.3	0.298	9	32
	UNTC -12D-7 □	12	2.3	0.327	12	30
	UNTC -16D-7 □	16	2	0.516	12	30
	UNTC -22D-7 □	22	1.5	0.714	10	32
	UNTC -30D-7 □	30	1.5	0.771	10	32
9	UNTC-2.5D-9 □	2.5	5	0.110	11	42
	UNTC - 3D- 9 □	3	4	0.121	11	42
	UNTC - 5D- 9 □	5	4	0.143	11	42
	UNTC - 8D- 9 □	8	3.5	0.139	12	43
	UNTC -10D-9 □	10	3	0.172	12	50
	UNTC -12D-9 □	12	3	0.408	12	40
	UNTC -16D-9 □	16	2.5	0.359	11	44
	UNTC -18D-9 □	18	2	0.371	11	46
	UNTC -22D-9 □	22	2	0.402	11	46
	UNTC -50D-9 □	50	1.4	0.392	10	46
	UNTC-400D-9□	400	1	9.150	9	30
Diameter (mm)	Part Number	Resistance at 25°C (Ω)	Max. Steady State Current (Amps)	(25°C Ambient) Approx. Res at Max. CurrentΩ	Thermal Dissipation Constant (mW/°C)	Thermal Time Constant (sec)
	UNTC- 1D- 11□	1	5	0.090	17	65

11	UNTC-1.5D-11□	1.5	5	0.120	15	60
	UNTC- 2D- 11□	2	5	0.099	12	55
	UNTC-2.5D-11□	2.5	5	0.102	11	58
	UNTC- 3D- 11□	3	4	0.106	11	60
	UNTC- 4D- 11□	4	4	0.163	10	62
	UNTC- 5D- 11□	5	4	0.168	10	58
	UNTC- 6D- 11□	6	3	0.250	10	59
	UNTC- 7D- 11□	7	3	0.262	13	60
	UNTC- 8D- 11□	8	3	0.265	12	59
	UNTC-10D-11□	10	3	0.273	12	56
	UNTC-12D-11□	12	2	0.504	11	62
	UNTC-15D-11□	15	2	0.500	12	40
	UNTC-16D-11□	16	2	0.501	11	62
	UNTC-20D-11□	20	2	0.557	12	60
	UNTC-25D-11□	25	2	0.555	12	56
	UNTC-50D-11□	50	2	0.723	10	58
	UNTC-80D-11□	80	1	1.742	10	55
UNTC-120D-11□	120	1	2.335	15	91	
13	UNTC-1.3D-13 □	1.3	7	0.065	15	91
	UNTC-2.5D-13 □	2.5	6	0.094	16	85
	UNTC- 3D- 13 □	3	5	0.131	16	91
	UNTC- 4D- 13□	4	5	0.139	16	91
	UNTC- 5D- 13□	5	6	0.150	17	93
	UNTC- 8D- 13□	8	4	0.207	15	91
	UNTC-10D-13□	10	4	0.211	14	87
	UNTC-12D-13□	12	4	0.227	18	82
	UNTC-16D-13□	16	3	0.367	15	87
	UNTC-18D-13□	18	3	0.391	15	92
	UNTC-20D-13□	20	3	0.430	17	93
15	UNTC-1.3D-15□	1.3	8	0.059	20	107
	UNTC-1.5D-15□	1.5	8	0.064	19	107
	UNTC-2.5D-15□	2.5	8	0.070	20	104
	UNTC- 3D-15□	3	5	0.089	20	105
	UNTC- 4D-15□	4	6	0.115	18	104
	UNTC- 5D-15□	5	6	0.122	20	110
	UNTC- 7D-15□	7	5	0.188	21	99
	UNTC- 8D-15□	8	5	0.186	15	103

Diameter (mm)	Part Number	Resistance at 25°C (Ω)	Max. Steady State Current (Amps)	(25°C Ambient) Approx. Res at Max. CurrentΩ	Thermal Dissipation Constant (mW/°C)	Thermal Time Constant (sec)
	UNTC-10D -15□	10	5	0.182	19	103
	UNTC-12D -15□	12	4	0.252	21	102
	UNTC-15D -15□	15	4	0.260	17	101

15	UNTC-16D -15□	16	4	0.285	22	102
	UNTC-20D -15□	20	4	0.292	20	101
	UNTC-22D -15□	22	4	0.303	17	107
	UNTC-25D -15□	25	3	0.482	21	100
	UNTC-33D -15□	33	3	0.490	18	102
	UNTC-40D -15□	40	3	0.496	20	101
	UNTC-47D -15□	47	3	0.517	21	102
	UNTC-55D -15□	55	3	0.534	21	102
	UNTC-80D -15□	80	2.5	0.748	22	102
	UNTC-120D-15□	120	2	1.159	20	104
20	UNTC-0.7D-20□	0.7	12	0.039	25	145
	UNTC- 1D-20 □	1	10	0.051	28	160
	UNTC-1.3D-20□	1.3	8	0.064	24	144
	UNTC- 2D-20 □	2	8	0.072	21	140
	UNTC-2.5D-20□	2.5	8	0.073	25	120
	UNTC- 4D-20 □	4	8	0.087	25	135
	UNTC- 5D-20 □	5	7	0.107	24	144
	UNTC- 6D-20 □	6	7	0.156	24	136
	UNTC- 7D-20 □	7	6	0.156	24	132
	UNTC-10D-20 □	10	6	0.158	23	135
	UNTC-12D-20 □	12	5	0.209	25	132
	UNTC-20D-20 □	20	6	0.197	22	127
	UNTC-120D-20□	120	2	1.222	24	142
30	UNTC-0.7D-30□	0.7	14	0.161	45	190
	UNTC- 1D-30 □	1	11	0.089	45	190
	UNTC-1.5D-30□	1.5	11	0.117	43	190
	UNTC- 2D-30 □	2	10	0.120	43	190
	UNTC- 3D-30 □	3	10	0.148	41	190
	UNTC- 5D-30 □	5	9	0.179	45	190
	UNTC- 8D-30 □	8	8	0.188	45	190
	UNTC-10D-30 □	10	8	0.232	45	190
	UNTC-16D-30 □	16	7	0.232	45	190
	UNTC-20D-30 □	20	7	0.245	45	190
	UNTC-30D-30 □	30	6	0.333	45	190

Order Map UNTC - 10D - 30 - □

Series Code Resistance Nominal Diameter Res. Tolerance

at 25°C 7 : 7mm 9 : 9mm 11 : 11mm L = ± 15% M = ± 20%

13 : 13mm 15 : 15mm 20 : 20mm 30 : 30mm