

Metal Oxide Disc Thermistor



Dimensions Quick Reference:

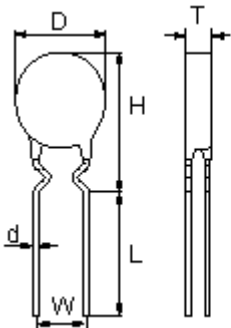
Series (Maximum)	5D	7D	10D	14D	20D
D	7.0	9.5	12.0	16.5	22.5
d*	0.6	0.6	0.8	0.8	1.0
W**	5.0	5.0	7.5	7.5	10.0
H	12.5	14.5	19.0	22.5	29.0
H1	10.0	12.0	17.0	20.5	28.0
T	4.9	4.9	8.5	8.5	9.0

* ± 0.02

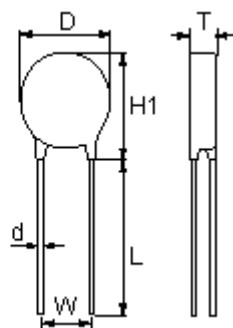
(Unit: mm)

** ± 1.0

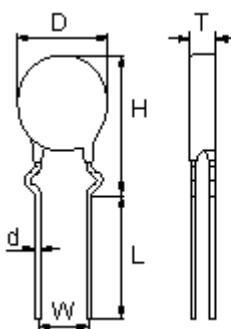
Inward Crimped



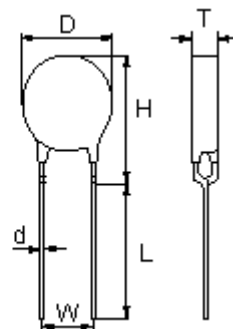
Straight Lead



Outward Crimped



Inline Crimped



Remark : The lead length (L) is 20mm minimum unless requested by customers; please refer to lead cutting code in "How to Order".

Characteristics

- High performance transient voltage suppression.
- Short response time to surge voltage.
- Low standby power dissipation.
- Excellent clamping characteristics.
- High performance withstanding surge currents.
- High reliability.
- Disk type : Standard.
- Lead type : Straight.

Definition of Varistor Terms

Rated RMS Voltage, Rated DC Voltage:

The maximum designated values of power system voltage that may be applied continuously between the terminals of a device.

Varistor Voltage:

Test characteristic that is used to classify varistors by type. A test current of 1mA DC is typically used to determine varistor voltage classification type. Varistor voltage clamping characteristics can be defined at various test levels.

Rated Peak Single Pulse Transient Current:

Maximum surge current, 8/20 μ s waveform which a varistor is rated to withstand for a single surge.

Rated Single Pulse Transient Energy:

Maximum allowable energy for a single impulse (see specified waveforms).

Maximum Clamping Voltage:

Measured peak voltage across the device terminals when a current impulse of specified amplitude and waveform is conducted through the varistor.

Typical Capacitance:

Typical capacitance values are measured at a test frequency of 1kHz. Capacitance values are only for reference purpose only, not subject to outgoing inspection.

Applications

Surge protection in:

Consumer electronics.
Industrial electronics.
Communication electronics.
Measuring and controlling systems.
Electronic home appliances.

Protection against surges induced by lightning striking incoming power lines.
Suppression of surges caused by switching inductive loads such as transformers, relays and coils.
Protection of rectification diodes, SCRs, power transistors, semiconductor devices, etc.

General Characteristics

Storage Temperature	: -55°C to +125°C.
Operating Surface Temperature	: 125°C.
Operating Ambient Temperature	: -55°C to +85°C (without derating).
Maximum Voltage-Temperature Coefficient	: < -0.05% /°C.
Minimum insulation Resistance	: 1000 M Ω .
Hi Pot (Leads To Case, 1 Minimum)	: 2,500 V dc.
Typical Response Time	: <15 Nero-seconds.
Epoxy Rating	: 94V-0.
Current / Energy Derating (>85°C)	: -2.5% /°C.
DC Leakage Current	: 200 μ A maximum (at rated DC working voltage).
Solderability	: MIL-STD-202F.

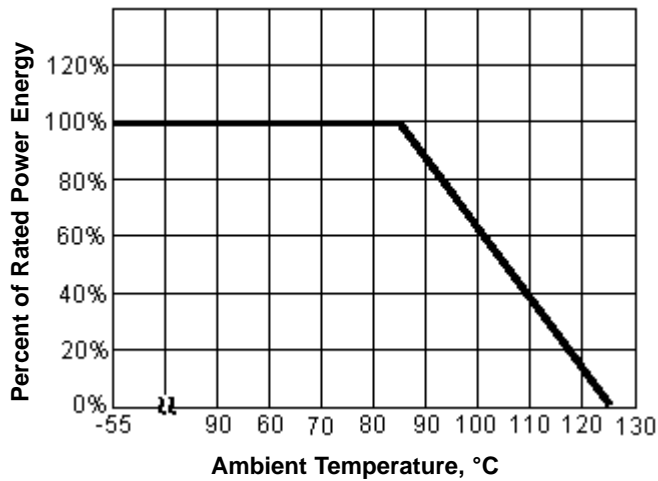
Metal Oxide Disc Thermistor



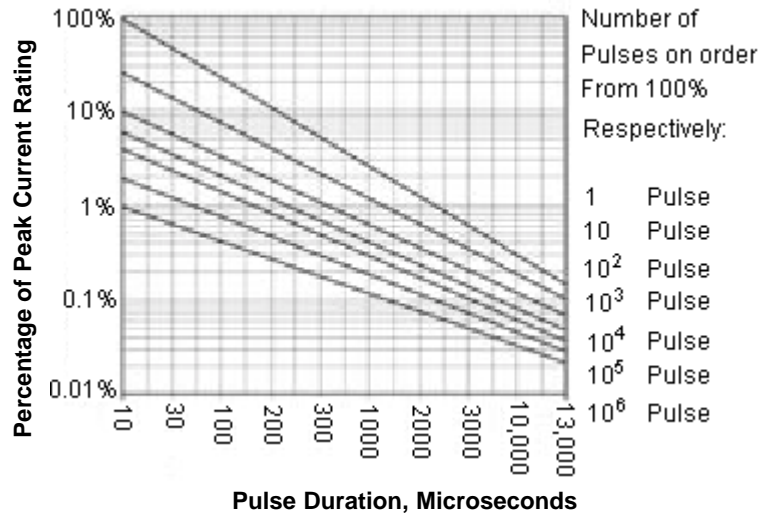
Power Dissipation Ratings(P, in-watts):

Disc Size (mm)	11V ac to 40V ac	50V ac to 680V ac
5	0.01	0.15
7	0.02	0.25
10	0.05	0.4
14	0.1	0.6
18	-	0.8
20	0.2	1.0
25	-	1.2
32	-	1.6
34(single)	-	2.1
34(dual)	-	2.73
40	-	2.1
53	-	2.5

Energy Derating Versus Temperature



Peak Current Per Pulse Versus Pul Seduration



Metal Oxide Disc Thermistor



Specifications Table

Maximum Allowable Voltage		Varistor Voltage		Withstanding Surge Current (8/20 μ s)	Maximum Claming Voltage (8/20 μ s)		Maximum Engergy		Typical Capacitance	Varistor Voltage	Tolerance (%)	Disk Size (mm)	Part Number
Acrms	DC	DC Volts		1 Time	Vc	Ip	2ms	10/100 μ s	@1KHz				
Volts		Min	Max	Amps	Volts	Amps	Joules		PF				
11	14	16	20	100	36	1	0.4	0.6	1500	18 V	\pm 10	05	MCFT000215
14	18	20	24	100	43	1	0.6	0.8	1260	22 V	\pm 10	05	MCFT000216
17	22	24	30	100	53	1	0.7	0.9	1050	27 V	\pm 10	05	MCFT000217
20	26	30	36	100	65	1	0.9	1.2	850	33 V	\pm 10	05	MCFT000218
25	31	35	43	100	77	1	1.1	1.3	600	39 V	\pm 10	05	MCFT000219
30	38	42	52	100	93	1	1.4	1.6	500	47 V	\pm 10	05	MCFT000220
35	45	50	62	100	110	1	1.5	1.9	400	56 V	\pm 10	05	MCFT000221
40	56	61	75	100	135	1	1.8	2.3	360	68 V	\pm 10	05	MCFT000222
50	66	74	90	400	135	5	2.4	3	350	82 V	\pm 10	05	MCFT000223
75	102	108	132	400	200	5	3	5	250	120 V	\pm 10	05	MCFT000224
95	127	135	165	400	250	5	3.5	5.5	180	150 V	\pm 10	05	MCFT000225
130	175	185	225	400	340	5	5	8.5	140	200 V	\pm 10	05	MCFT000226
150	200	216	264	400	395	5	6.5	10	115	240 V	\pm 10	05	MCFT000227
230	300	324	396	400	595	5	9	13	80	360 V	\pm 10	05	MCFT000228
250	330	351	429	400	650	5	10	15	75	390 V	\pm 10	05	MCFT000229
275	370	387	473	400	710	5	11	16	65	430 V	\pm 10	05	MCFT000230
300	385	423	517	400	775	5	13	19	55	470 V	\pm 10	05	MCFT000231
420	560	612	748	400	1120	5	21	30	30	680 V	\pm 10	05	MCFT000232
11	14	16	20	250	36	2.5	0.8	1	2900	18 V	\pm 10	07	MCFT000233
14	18	20	24	250	43	2.5	0.9	1.3	2400	22 V	\pm 10	07	MCFT000234
17	22	24	30	250	53	2.5	1.0	1.4	1800	27 V	\pm 10	05	MCFT000235
20	26	30	36	250	65	2.5	1.2	1.7	1500	33 V	\pm 10	07	MCFT000236
25	31	35	43	250	77	2.5	1.5	2.1	1230	39 V	\pm 10	07	MCFT000237
30	38	42	52	250	93	2.5	1.8	2.5	950	47 V	\pm 10	07	MCFT000238
35	45	50	62	250	110	2.5	2.2	3.1	890	56 V	\pm 10	07	MCFT000239
40	56	61	75	250	135	2.5	2.5	3.8	850	68 V	\pm 10	07	MCFT000240
50	66	74	90	1200	135	10	3.5	5.5	830	82 V	\pm 10	07	MCFT000241
75	102	108	132	1200	200	10	5	7.8	570	120 V	\pm 10	07	MCFT000242
95	127	135	165	1200	250	10	6.5	9.7	400	150 V	\pm 10	07	MCFT000243
130	175	185	225	1200	340	10	10	13	275	200 V	\pm 10	07	MCFT000244
150	200	216	264	1200	395	10	11	16	230	240 V	\pm 10	07	MCFT000245

Metal Oxide Disc Thermistor



Specifications Table

Maximum Allowable Voltage		Varistor Voltage		Withstanding Surge Current (8/20 μ s)	Maximum Claming Voltage (8/20 μ s)		Maximum Engergy		Typical Capacitance	Varistor Voltage	Tolerance (%)	Disk Size (mm)	Part Number
Acrms	DC	DC Volts		1 Time	Vc	Ip	2ms	10/100 μ s	@1KHz				
Volts		Min	Max	Amps	Volts	Amps	Joules		PF				
230	300	324	396	1200	595	10	15	25	155	360 V	\pm 10	07	MCFT000246
250	330	351	429	1200	650	10	17	26	145	390 V	\pm 10	07	MCFT000247
275	370	387	473	1200	710	10	20	28	130	430 V	\pm 10	07	MCFT000248
300	385	423	517	1200	775	10	21.0	30.0	115	470 V	\pm 10	07	MCFT000249
420	560	612	748	1200	1120	10	32	45	78	680 V	\pm 10	07	MCFT000250
11	14	16	20	500	36	5	1.5	2.1	6000	18 V	\pm 10	10	MCFT000251
14	18	20	24	500	43	5	2	2.5	5000	22 V	\pm 10	10	MCFT000252
17	22	24	30	500	53	5	2.5	3	4000	27 V	\pm 10	10	MCFT000253
20	26	30	36	500	65	5	3	4	3500	33 V	\pm 10	10	MCFT000254
25	31	35	43	500	77	5	3.5	4.6	3100	39 V	\pm 10	10	MCFT000255
30	38	42	52	500	93	5	4.5	5.5	2800	47 V	\pm 10	10	MCFT000256
35	45	50	62	500	110	5	5.5	7	2400	56 V	\pm 10	10	MCFT000257
40	56	61	75	500	135	5	6.5	8.2	2100	68 V	\pm 10	10	MCFT000258
50	66	74	90	2500	135	25	8	12	1600	82 V	\pm 10	10	MCFT000259
75	102	108	132	2500	200	25	12	18	1200	120 V	\pm 10	10	MCFT000260
95	127	135	165	2500	250	25	16	22	1100	150 V	\pm 10	10	MCFT000261
130	175	185	225	2500	340	25	20	30	640	200 V	\pm 10	10	MCFT000262
150	200	216	264	2500	395	25	25	35	560	240 V	\pm 10	10	MCFT000263
230	300	324	396	2500	595	25	35	47	380	360 V	\pm 10	10	MCFT000264
250	330	351	429	2500	650	25	40	60	350	390 V	\pm 10	10	MCFT000265
275	370	387	473	2500	710	25	45	65	310	430 V	\pm 10	10	MCFT000266
300	385	423	517	2500	775	25	46	70	280	470 V	\pm 10	10	MCFT000267
11	14	16	20	1000	36	10	3.5	4	15000	18 V	\pm 10	14	MCFT000268
14	18	20	24	1000	43	10	4	5	12000	22 V	\pm 10	14	MCFT000269
17	22	24	30	1000	53	10	5	6	8500	27 V	\pm 10	14	MCFT000270
20	26	30	36	1000	65	10	6	7.5	7200	33 V	\pm 10	14	MCFT000271
25	31	35	43	1000	77	10	7	8.6	6300	39 V	\pm 10	14	MCFT000272
30	38	42	52	1000	93	10	8.5	10	5500	47 V	\pm 10	14	MCFT000273
35	45	50	62	1000	110	10	10	11	4800	56 V	\pm 10	14	MCFT000274
40	56	61	75	1000	135	10	12	14	4000	68 V	\pm 10	14	MCFT000275
50	66	74	90	4500	135	50	5	22	3300	82 V	\pm 10	14	MCFT000276

Metal Oxide Disc Thermistor



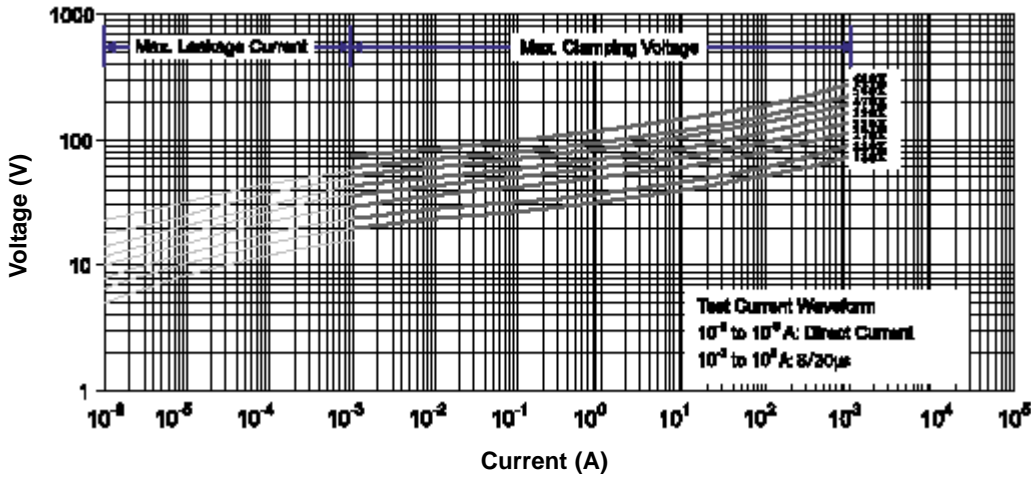
Specification Table

Maximum Allowable Voltage		Varistor Voltage		Withstanding Surge Current (8/20 μ s)	Maximum Claming Voltage (8/20 μ s)		Maximum Ennergy		Typical Capacitanc @1KHz	Varistor Voltage	Tolerance (%)	Disk Size (mm)	Part Number
Acrms	DC	DC Volts			1 Time	Vc	Ip	2ms					
Volts		Min	Max	Amps	Volts	Amps	Joules		PF				
75	102	108	132	4500	200	50	22	34	2600	120 V	\pm 10	14	MCFT000277
95	127	135	165	4500	250	50	30	45	2000	150 V	\pm 10	14	MCFT000278
130	175	185	225	4500	340	50	38	60	1370	200 V	\pm 10	14	MCFT000279
150	200	216	264	4500	395	50	45	66	1060	240 V	\pm 10	14	MCFT000280
230	300	324	396	4500	595	50	70	98	725	360 V	\pm 10	14	MCFT000281
250	330	351	429	4500	650	50	72	102	665	390 V	\pm 10	14	MCFT000282
275	370	387	473	4500	710	50	75	115	600	430 V	\pm 10	14	MCFT000283
300	385	423	517	4500	775	50	80	125	570	470 V	\pm 10	14	MCFT000284
11	14	16	20	2000	36	20	10	12	27000	18 V	\pm 10	20	MCFT000285
14	18	20	24	2000	43	20	13	15	20000	22 V	\pm 10	20	MCFT000286
17	22	24	30	2000	53	20	15	17	15000	27 V	\pm 10	20	MCFT000287
20	26	30	36	2000	65	20	22	22	12200	33 V	\pm 10	20	MCFT000288
25	31	35	43	2000	77	20	24	26	10000	39 V	\pm 10	20	MCFT000289
30	38	42	52	2000	93	20	30	33	9350	47 V	\pm 10	20	MCFT000290
35	45	50	62	2000	110	20	35	38	8000	56 V	\pm 10	20	MCFT000291
40	56	61	75	2000	135	20	40	43	6800	68 V	\pm 10	20	MCFT000292
50	66	74	90	6500	135	100	37	48	5600	82 V	\pm 10	20	MCFT000293
75	102	108	132	6500	200	100	40	55	4100	120 V	\pm 10	20	MCFT000294
95	127	135	165	6500	250	100	50	70	3200	150 V	\pm 10	20	MCFT000295
130	175	185	225	6500	340	100	70	95	2200	200 V	\pm 10	20	MCFT000296
150	200	216	264	6500	395	100	82	110	1900	240 V	\pm 10	20	MCFT000297
230	300	324	396	6500	595	100	120	163	1320	360 V	\pm 10	20	MCFT000298
250	330	351	429	6500	650	100	130	180	1210	390 V	\pm 10	20	MCFT000299
275	370	387	473	6500	710	100	140	190	1120	430 V	\pm 10	20	MCFT000300
300	385	423	517	6500	775	100	150	220	1000	470 V	\pm 10	20	MCFT000301

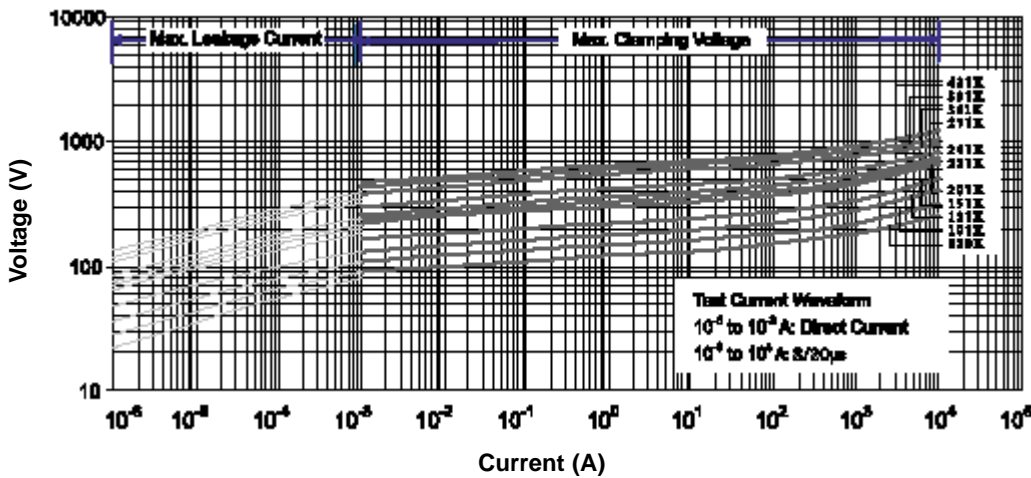
Metal Oxide Disc Thermistor



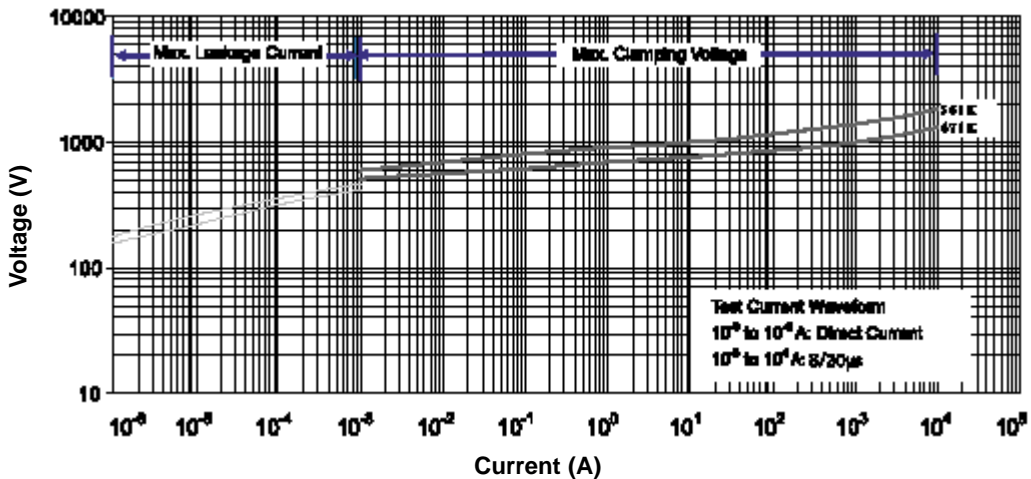
V-I Curve for SR180K to 680K05D(E) Series



V-I Curve for SR820K to 431K05D(E) Series



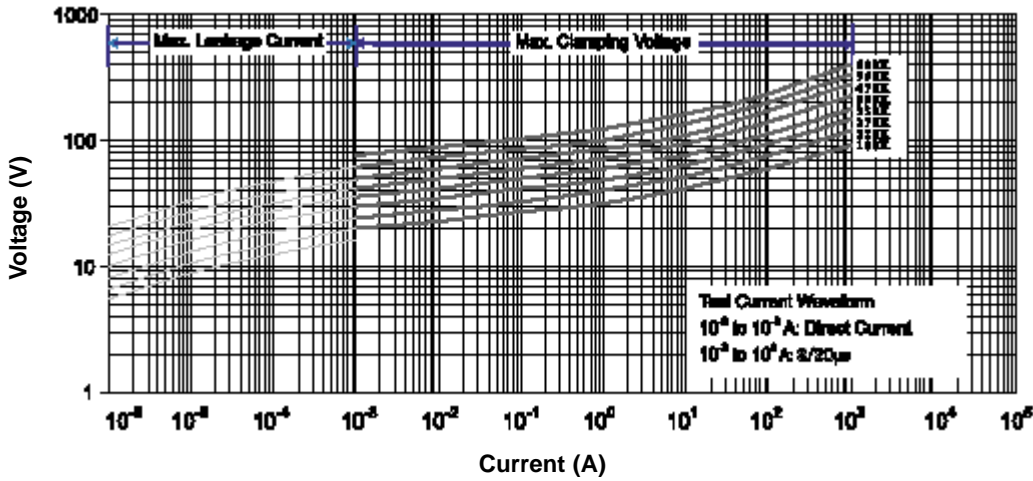
V-I Curve for SR471K to 6811K05D(E) Series



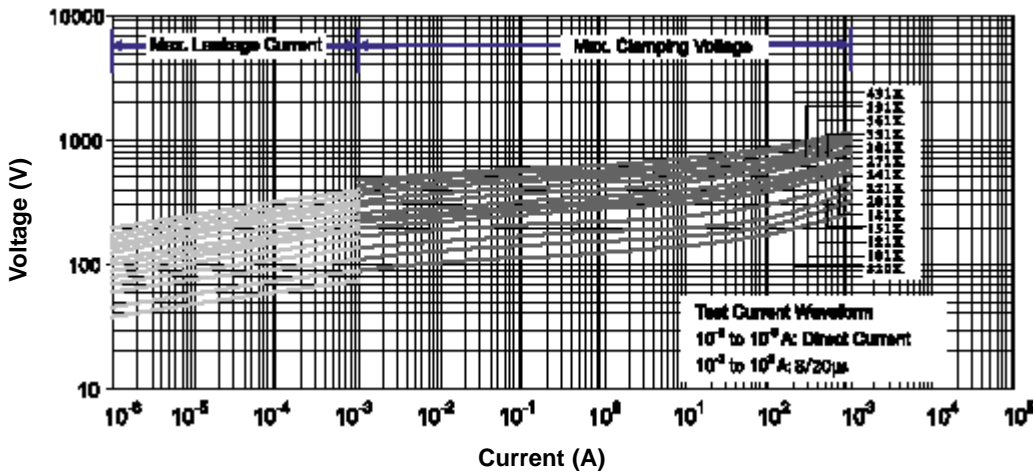
Metal Oxide Disc Thermistor



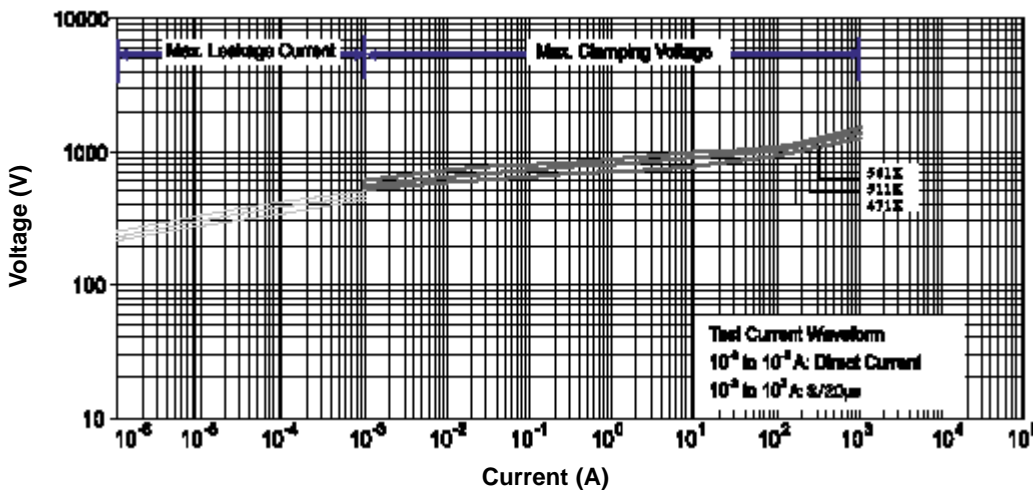
V-I Curve for SR180K to 680K07D(E) Series



V-I Curve for SR820K to 431K07D(E) Series



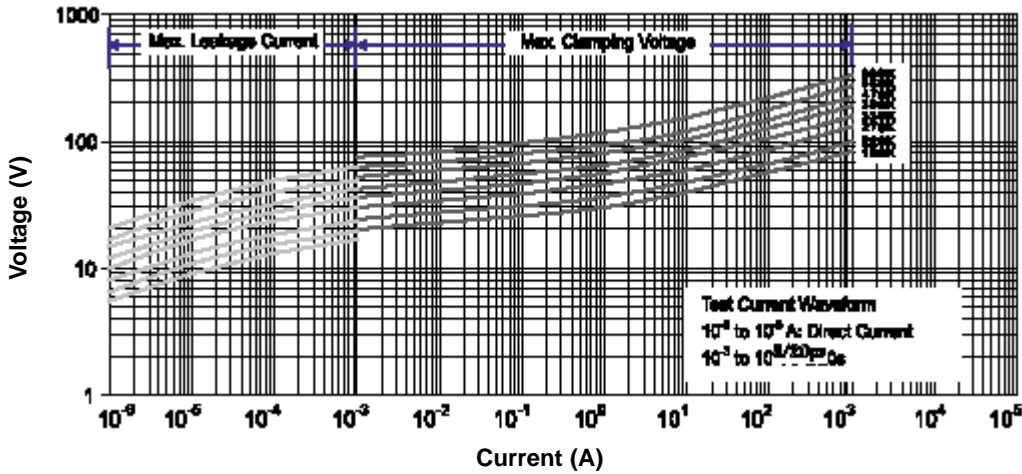
V-I Curve for SR471K to 6811K07D(E) Series



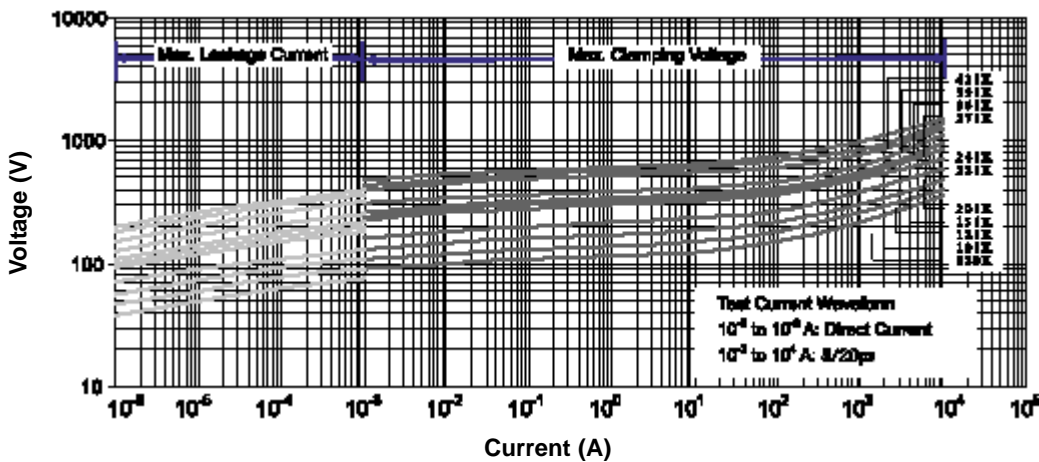
Metal Oxide Disc Thermistor



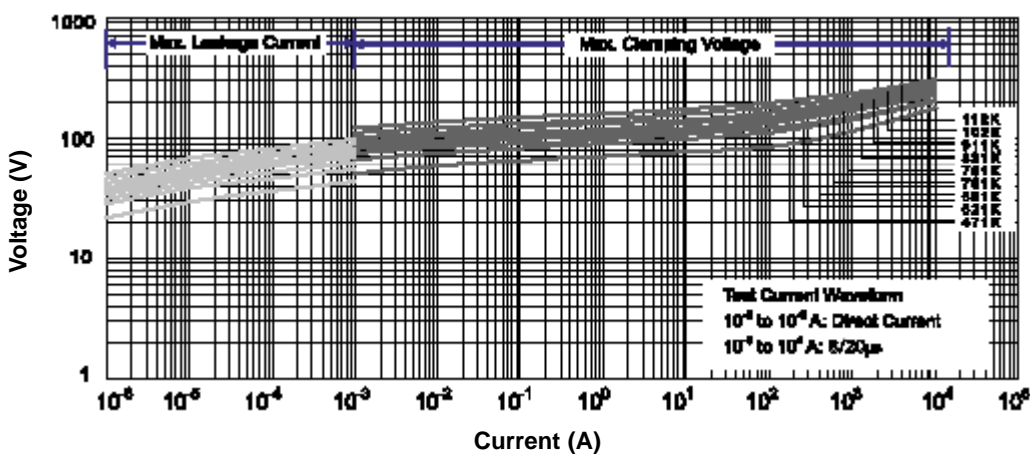
V-I Curve for SR180K to 680K10D(E) Series



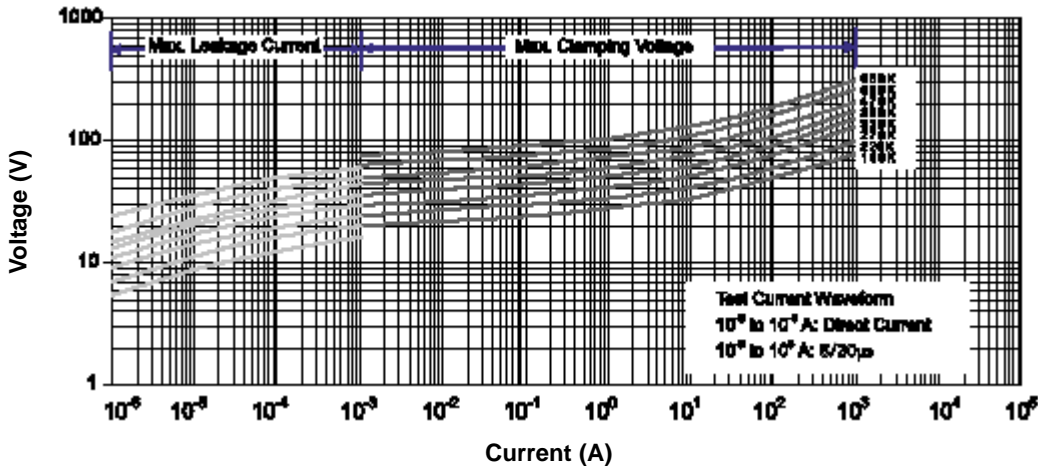
V-I Curve for SR820K to 431K10D(E) Series



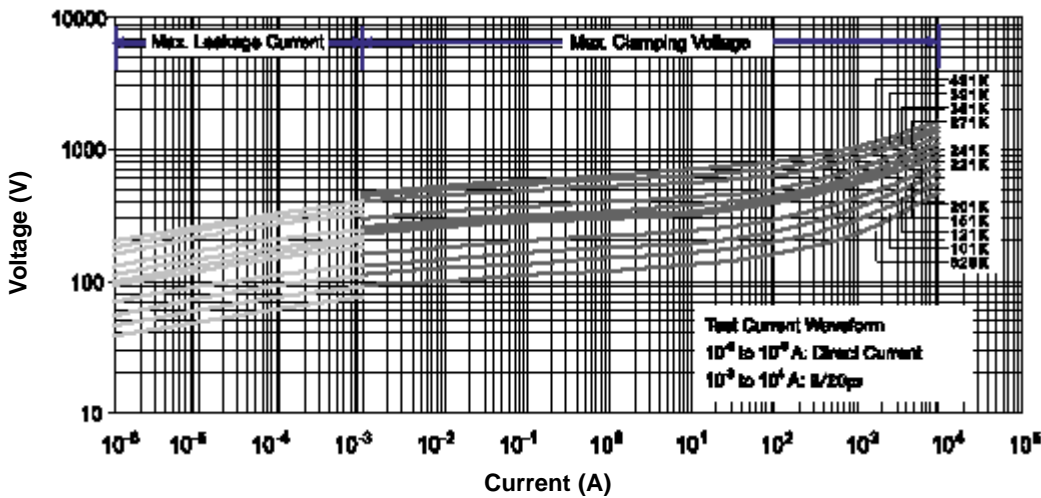
V-I Curve for SR471K to 112K10D(E) Series



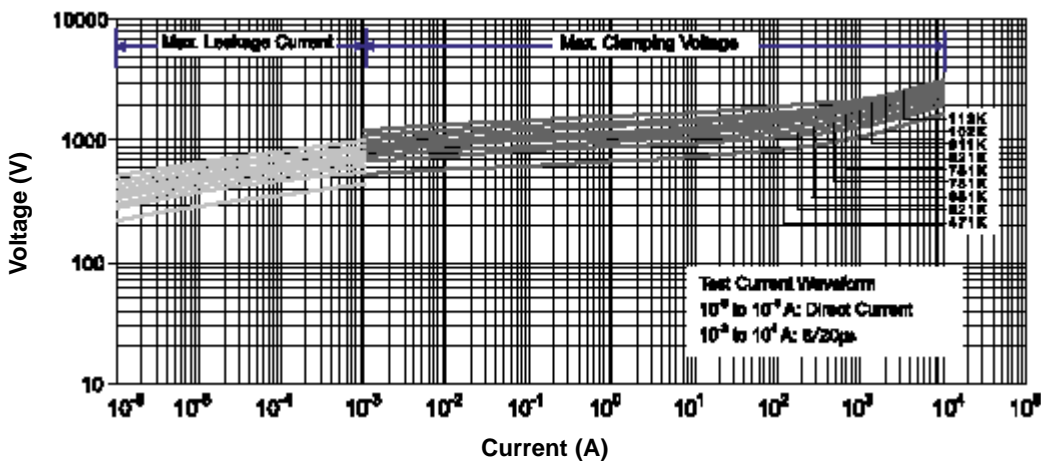
V-I Curve for SR180K to 680K14D(E) Series



V-I Curve for SR820K to 431K14D(E) Series



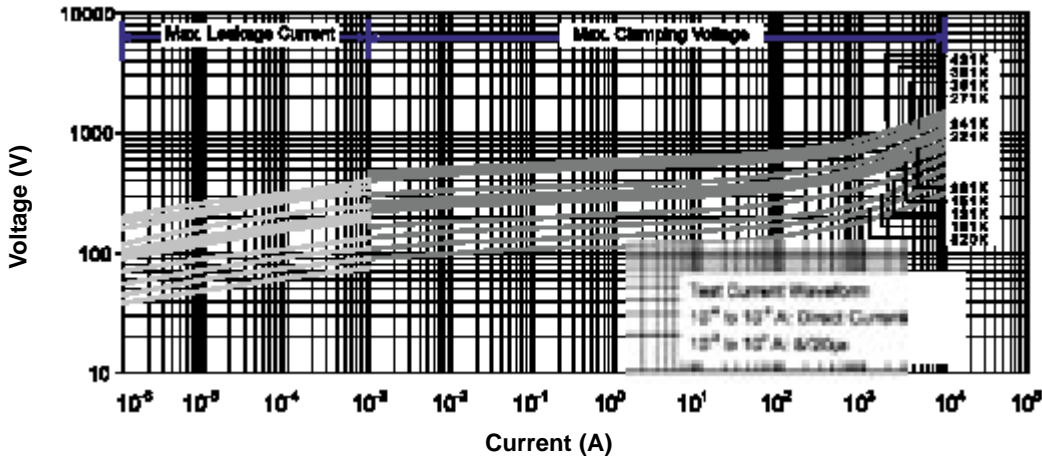
V-I Curve for SR471K to 112K14D(E) Series



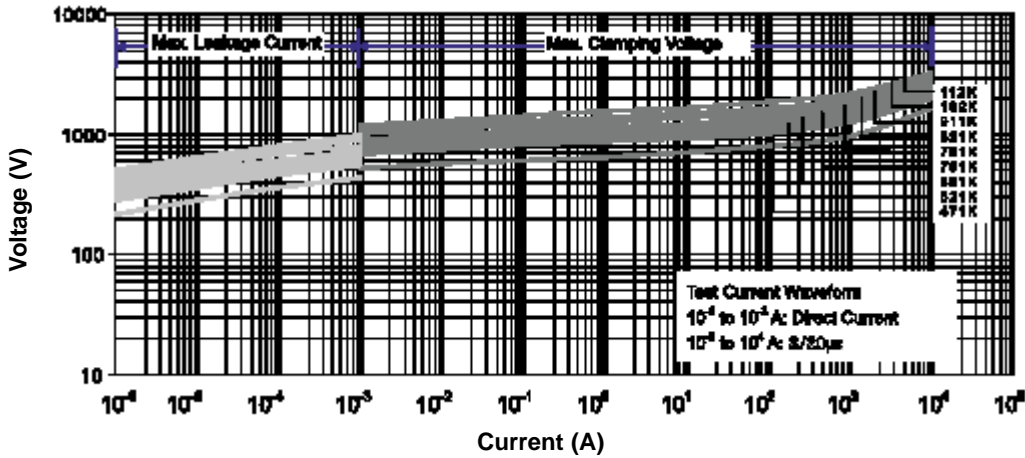
Metal Oxide Disc Thermistor



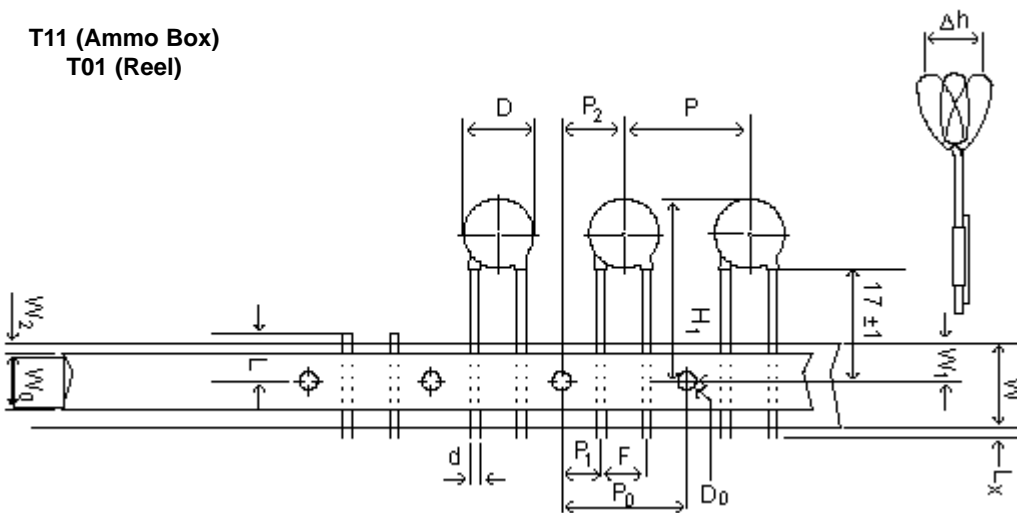
V-I Curve for SR280K to 431K20D(E) Series



V-I Curve for SR471K to 112K14D(E) Series



T11 (Ammo Box)
T01 (Reel)



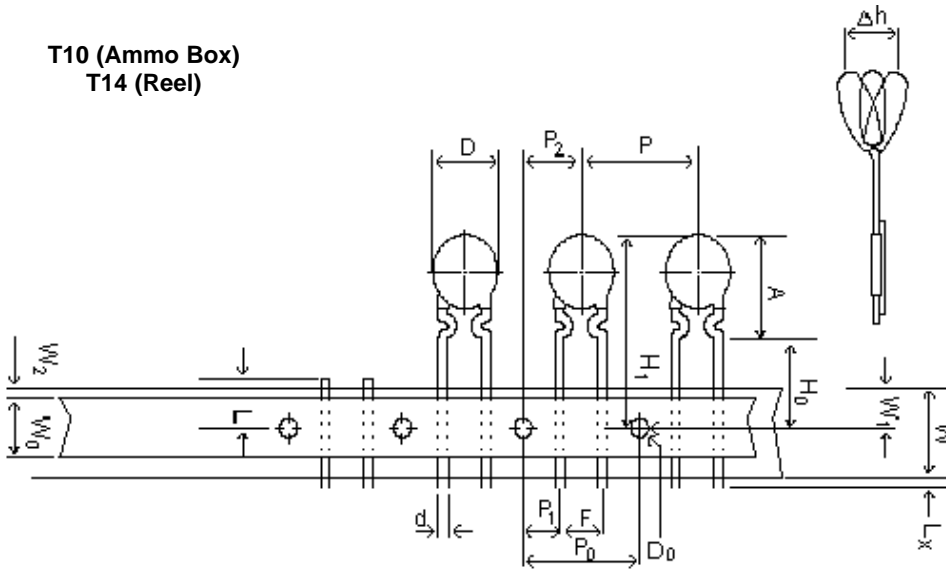
Dimensions : Millimetres



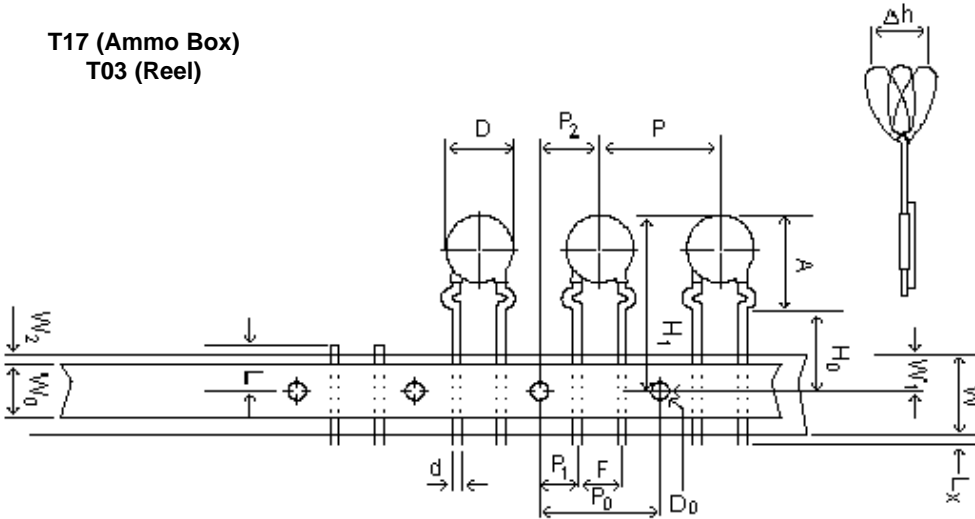
Metal Oxide Disc Thermistor



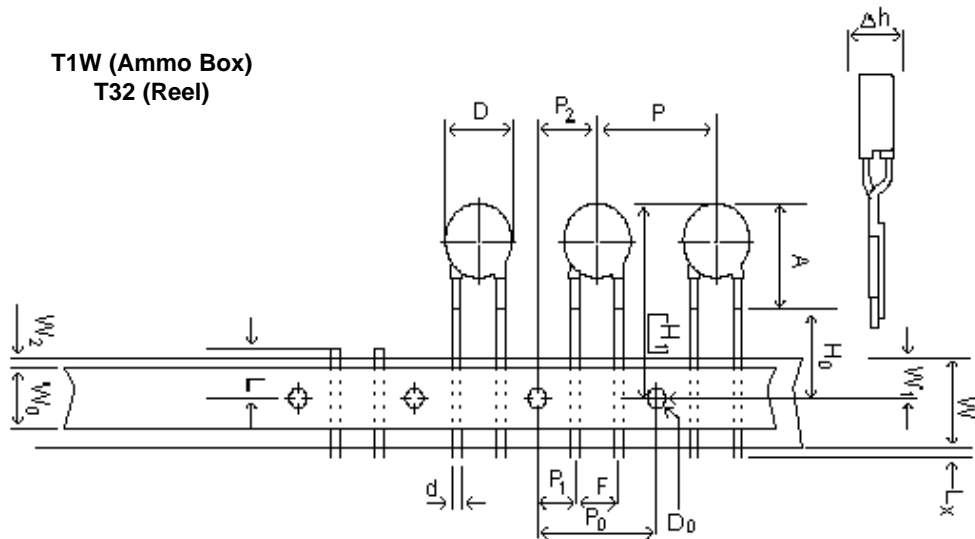
T10 (Ammo Box)
T14 (Reel)



T17 (Ammo Box)
T03 (Reel)



T1W (Ammo Box)
T32 (Reel)



Dimensions : Millimetres

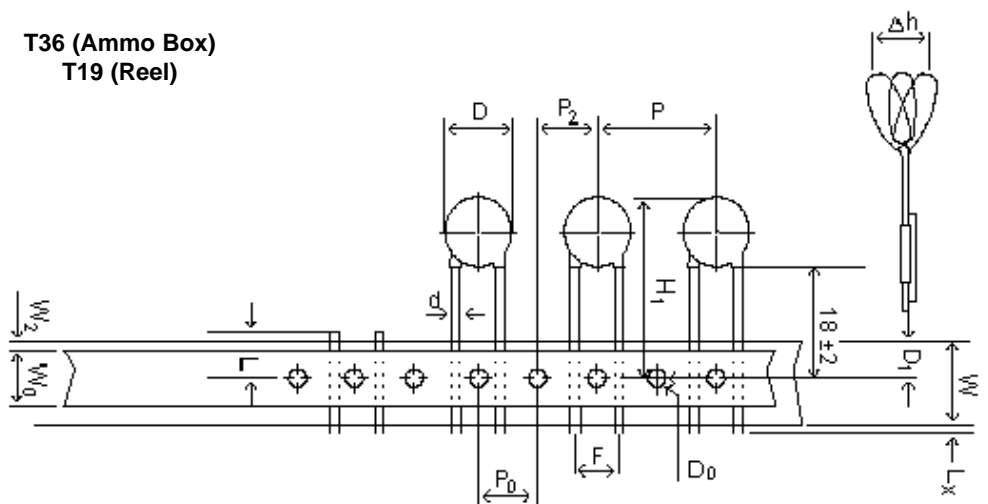


Specification Table

Item	Disk Size					
	5D			7D		
Taping Code	T11, T1	T17, T03, T14, T1D	T32, T1W	T11, T01	T17, T03, T14, T1D	T32, T1W
Body Diameter	D	7 Maximum			9 Maximum	
Lead Wire Diameter	d	0.6				
Pitch of Component	P	12.7 ±1				
Feed Hole Pitch	P ₀	12.7 ±0.3				
Feed Hole Center to Lead	P ₁	3.85 ±0.7				
Lead to Lead Distance (Center to Center)	F	5.0 ±0.8				
Component Alignment	Δh	2.0 Maximum				
Base paper Tape Width	W	18*				
Adhesive Tape Width	W ₀	10 Minimum				
Hole Position	W ₁	9 ±0.5				
Adhesive Tape Border	W ₂	1.5 Maximum				
Component Height	H ₁	30 Maximum			32 Maximum	
Lead-Wire Clinch Height	H ₀	-	16 ±0.5	-	16 ±0.5	
Lead-Wire Protrusion	L _x	1.0 Maximum				
Feed Hole Diameter	D ₀	4 ±0.2				
Total Tape Thickness	t	< 0.7				
Length of Clipped Lead	L	11 Maximum				
Component Height from Seating Plane	A	-	13 Maximum	-	15 Maximum	
Hole Center to Component Center	P ₂	6.35 ±0.7				

* Tolerances are +1.0 and -0.5

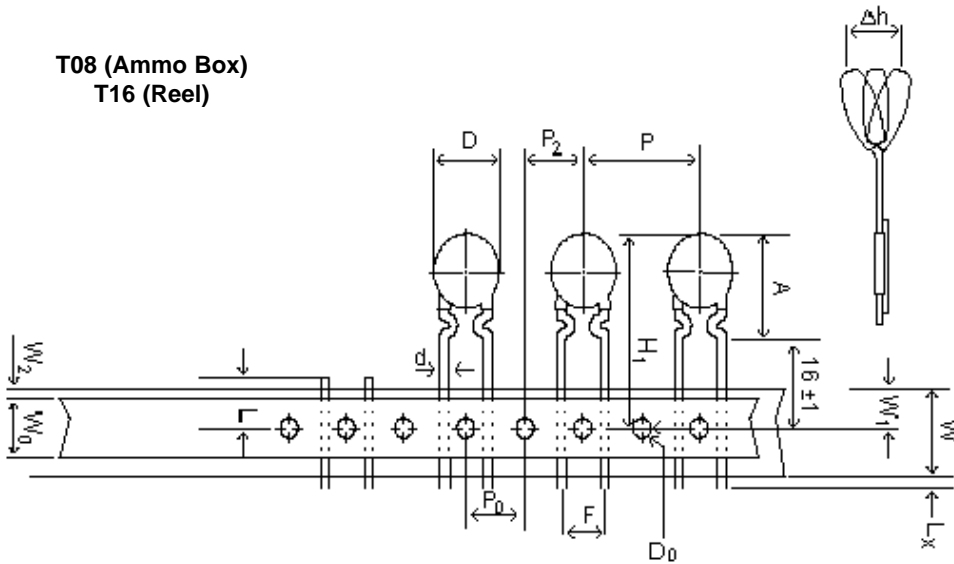
T36 (Ammo Box) T19 (Reel)



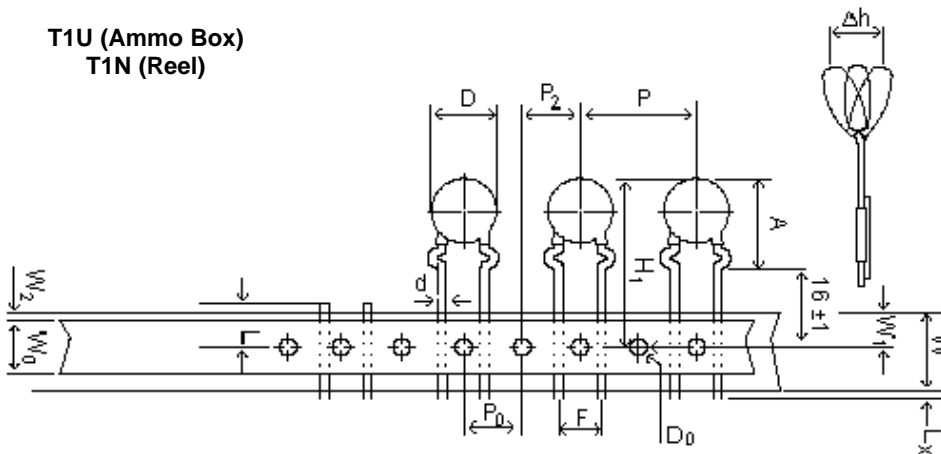
Dimensions : Millimetres

Metal Oxide Disc Thermistor

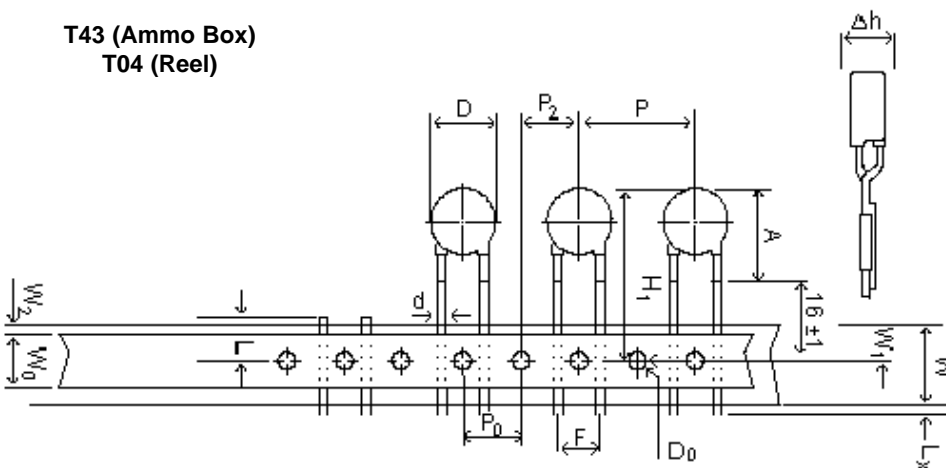
**T08 (Ammo Box)
T16 (Reel)**



**T1U (Ammo Box)
T1N (Reel)**



**T43 (Ammo Box)
T04 (Reel)**



Dimensions : Millimetres

Metal Oxide Disc Thermistor

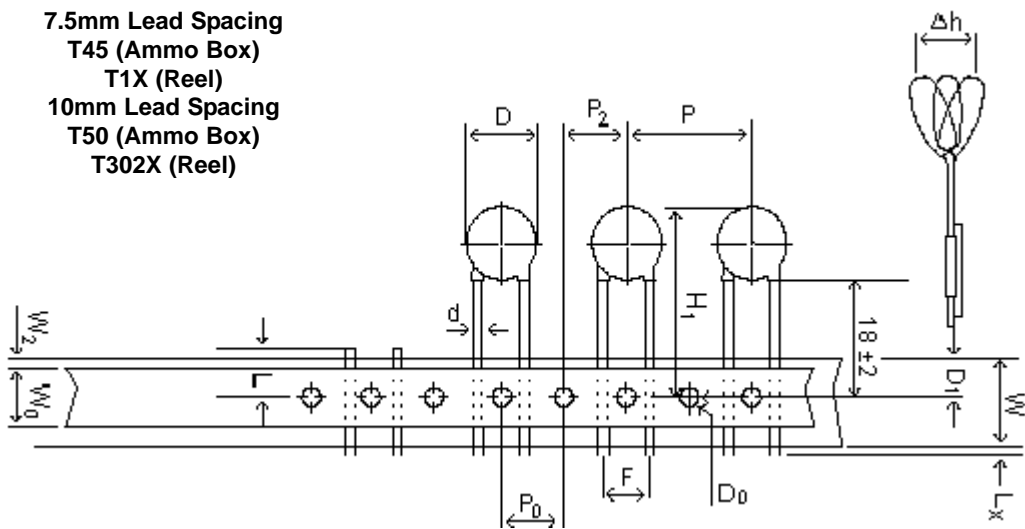


Specification Table

Item		Disk Size					
		10D			14D		
Taping Code		T19, T36	T1N, T1U, T08, T16	T43, T04	T19, T36	T1N, T1U, T08, T16	T43, T04
Body Diameter	D	14 Maximum			7.5 Maximum		
Lead Wire Diameter	d	0.8 ±0.05					
Pitch of Component	P	25.4 ±1					
Hole Center to Component Center	P ₂	12.7 ±0.3					
Feed Hole Pitch	P ₀						
Lead to Lead Distance (Center to Center)	F	7.5 ± 0.8					
Component Alignment	Δh	2.0 Maximum					
Base paper Tape Width	W	18*					
Adhesive Tape Width	W ₀	10 Minimum					
Hole Position	W ₁	9 ±0.5					
Adhesive Tape Border	W ₂	1.5 Maximum					
Component Height	H ₁	33 Maximum	38.5 Maximum	35.5 Maximum	37 Maximum	40 Maximum	
Lead-Wire Protrusion	L _x	1.0 Maximum					
Feed Hole Diameter	D ₀	4 ±0.2					
Total Tape Thickness	t	< 0.7					
Length of Clipped Lead	L	11 Maximum					
Component Height from Seating Plane	A	-	19.5 Maximum			-	22.5 Maximum

* Tolerances are +1.0 and -0.5

7.5mm Lead Spacing
T45 (Ammo Box)
T1X (Reel)
10mm Lead Spacing
T50 (Ammo Box)
T302X (Reel)

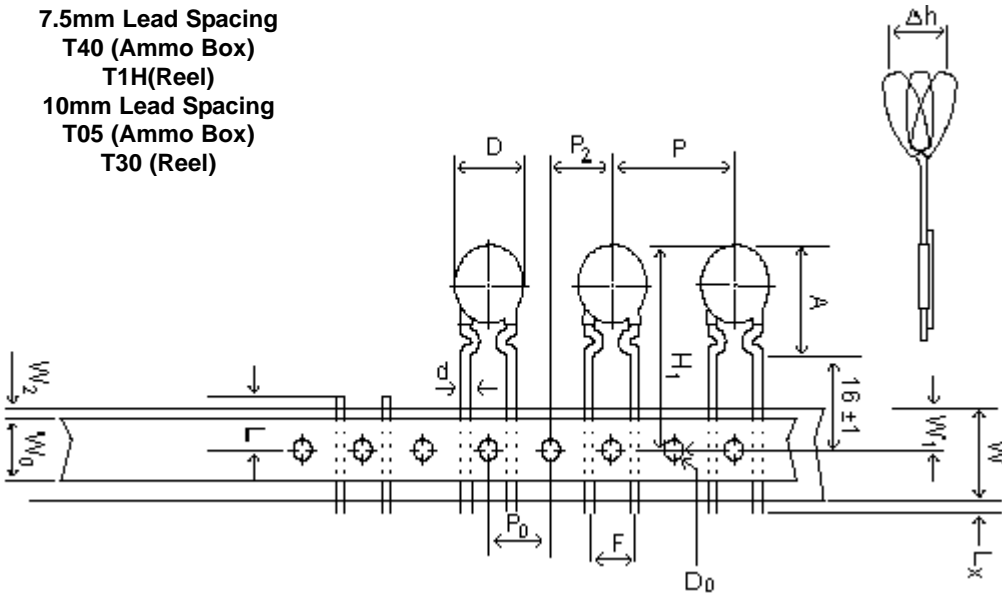


Dimensions : Millimetres

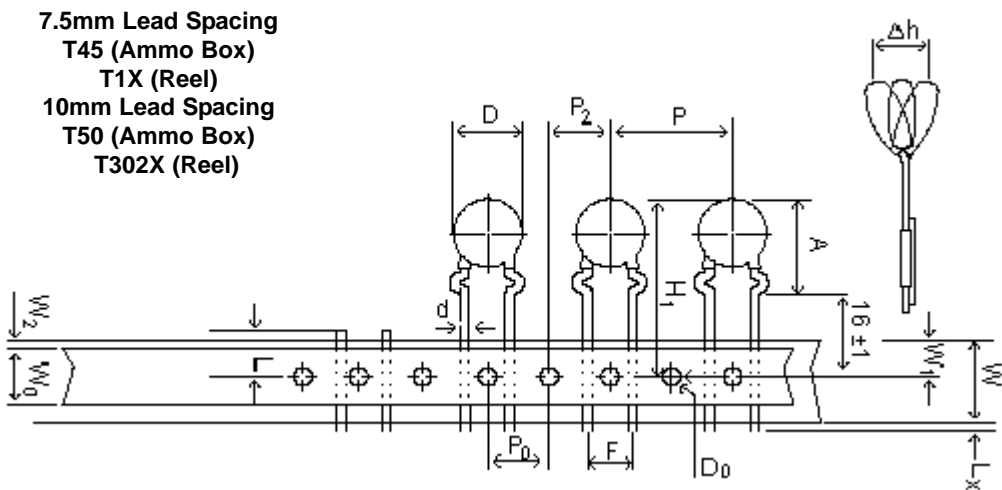
Metal Oxide Disc Thermistor



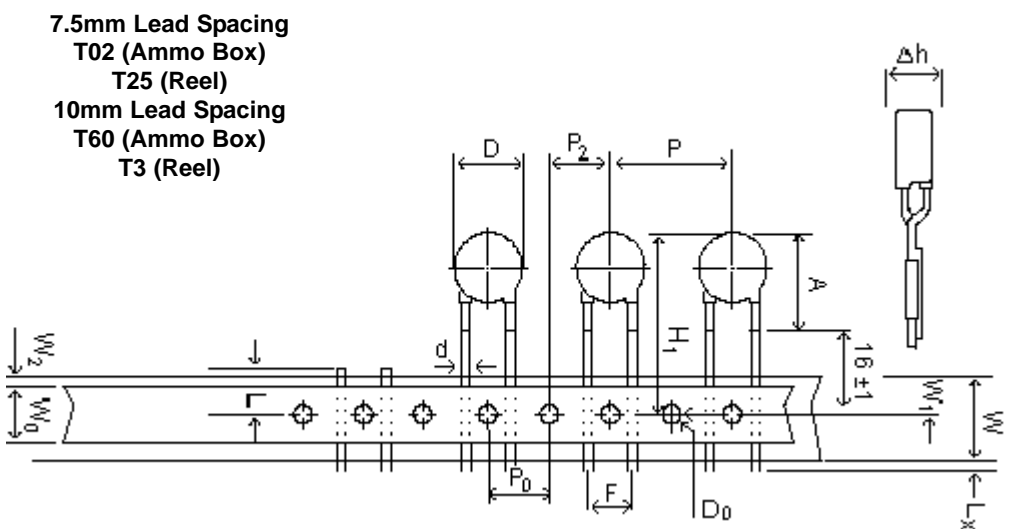
7.5mm Lead Spacing
 T40 (Ammo Box)
 T1H (Reel)
 10mm Lead Spacing
 T05 (Ammo Box)
 T30 (Reel)



7.5mm Lead Spacing
 T45 (Ammo Box)
 T1X (Reel)
 10mm Lead Spacing
 T50 (Ammo Box)
 T302X (Reel)



7.5mm Lead Spacing
 T02 (Ammo Box)
 T25 (Reel)
 10mm Lead Spacing
 T60 (Ammo Box)
 T3 (Reel)



Dimensions : Millimetres

<http://www.farnell.com>
<http://www.newark.com>
<http://www.cpc.co.uk>



Metal Oxide Disc Thermistor



Specification Table

Item		Disk Size					
		20D					
		Lead Spacing 7.5 mm			Spacing 10.0 mm		
Taping Code		T44, T1H	T45, T1X, T40, T4X	T02, T25	T05, T30	T50, T2X, T35, T2D	T60, T3X
Body Diameter	D	24 Maximum**			24 Maximum		
Lead Wire Diameter	d	0.8 ±0.1					
Pitch of Component	P	25.4 ±1					
Hole Center to Component Center	P ₂	12.7 ±0.3					
Feed Hole Pitch	P ₀						
Lead to Lead Distance (Center to Center)	F	7.5 ± 0.8			10.0 ±1.0		
Component Alignment	Δh	2.0 Maximum					
Base paper Tape Width	W	18*					
Adhesive Tape Width	W ₀	10 Minimum					
Hole Position	W ₁	9 ±0.5					
Adhesive Tape Border	W ₂	1.5 Maximum					
Component Height	H ₁	48 Maximum**			48 Maximum		
Lead-Wire Protrusion	L _x	1.0 Maximum					
Feed Hole Diameter	D ₀	4 ±0.2					
Total Tape Thickness	t	< 0.7					
Length of Clipped Lead	L	11 Maximum					
Component Height from Seating Plane	A	-	29 Maximum	28 Maximum **	-	29 Maximum	28 Maximum **

* Tolerances are +1 and -0.5

** For 18Ø, D=22, H1=46 and A=26 Maximum.

Metal Oxide Disc Thermistor



Part Number Table

Description	Part Number
Varistor, 0.6J, 11VRMS	MCFT000215
Varistor, 0.8J, 14VRMS	MCFT000216
Varistor, 0.9J, 17VRMS	MCFT000217
Varistor, 1.2J, 20VRMS	MCFT000218
Varistor, 1.3J, 25VRMS	MCFT000219
Varistor, 1.6J, 30VRMS	MCFT000220
Varistor, 1.9J, 35VRMS	MCFT000221
Varistor, 2.3J, 40VRMS	MCFT000222
Varistor, 3J, 50VRMS	MCFT000223
Varistor, 5J, 75VRMS	MCFT000224
Varistor, 5.5J, 95VRMS	MCFT000225
Varistor, 8.5J, 130VRMS	MCFT000226
Varistor, 10J, 150VRMS	MCFT000227
Varistor, 13J, 230VRMS	MCFT000228
Varistor, 15J, 250VRMS	MCFT000229
Varistor, 16J, 275VRMS	MCFT000230
Varistor, 19J, 300VRMS	MCFT000231
Varistor, 30J, 420VRMS	MCFT000232
Varistor, 1J, 11VRMS	MCFT000233
Varistor, 1.3J, 14VRMS	MCFT000234
Varistor, 1.4J, 17VRMS	MCFT000235
Varistor, 1.7J, 20VRMS	MCFT000236
Varistor, 2.1J, 25VRMS	MCFT000237
Varistor, 2.5J, 30VRMS	MCFT000238
Varistor, 3.1J, 35VRMS	MCFT000239
Varistor, 3.8J, 40VRMS	MCFT000240
Varistor, 5.5J, 50VRMS	MCFT000241
Varistor, 7.8J, 75VRMS	MCFT000242
Varistor, 9.7J, 95VRMS	MCFT000243
Varistor, 13J, 130VRMS	MCFT000244
Varistor, 16J, 150VRMS	MCFT000245
Varistor, 25J, 230VRMS	MCFT000246
Varistor, 26J, 250VRMS	MCFT000247
Varistor, 28J, 275VRMS	MCFT000248

Metal Oxide Disc Thermistor



Part Number Table

Description	Part Number
Varistor, 30J, 300VRMS	MCFT000249
Varistor, 45J, 420VRMS	MCFT000250
Varistor, 2.1J, 11VRMS	MCFT000251
Varistor, 2.5J, 14VRMS	MCFT000252
Varistor, 3J, 17VRMS	MCFT000253
Varistor, 4J, 20VRMS	MCFT000254
Varistor, 4.6J, 25VRMS	MCFT000255
Varistor, 5.5J, 30VRMS	MCFT000256
Varistor, 7J, 35VRMS	MCFT000257
Varistor, 8.2J, 40VRMS	MCFT000258
Varistor, 12J, 50VRMS	MCFT000259
Varistor, 18J, 75VRMS	MCFT000260
Varistor, 22J, 95VRMS	MCFT000261
Varistor, 30J, 130VRMS	MCFT000262
Varistor, 35J, 150VRMS	MCFT000263
Varistor, 47J, 230VRMS	MCFT000264
Varistor, 60J, 250VRMS	MCFT000265
Varistor, 65J, 275VRMS	MCFT000266
Varistor, 70J, 300VRMS	MCFT000267
Varistor, 4J, 11VRMS	MCFT000268
Varistor, 5J, 14VRMS	MCFT000269
Varistor, 6J, 17VRMS	MCFT000270
Varistor, 7.5J, 20VRMS	MCFT000271
Varistor, 8.6J, 25VRMS	MCFT000272
Varistor, 10J, 30VRMS	MCFT000273
Varistor, 11J, 35VRMS	MCFT000274
Varistor, 14J, 40VRMS	MCFT000275
Varistor, 22J, 50VRMS	MCFT000276
Varistor, 34J, 75VRMS	MCFT000277
Varistor, 45J, 95VRMS	MCFT000278
Varistor, 60J, 130VRMS	MCFT000279
Varistor, 66J, 150VRMS	MCFT000280
Varistor, 98J, 230VRMS	MCFT000281
Varistor, 102J, 250VRMS	MCFT000282

<http://www.farnell.com>
<http://www.newark.com>
<http://www.cpc.co.uk>



Metal Oxide Disc Thermistor



Part Number Table

Description	Part Number
Varistor, 115J, 275VRMS	MCFT000283
Varistor, 125J, 300VRMS	MCFT000284
Varistor, 12J, 11VRMS	MCFT000285
Varistor, 15J, 14VRMS	MCFT000286
Varistor, 17J, 17VRMS	MCFT000287
Varistor, 20J, 20VRMS	MCFT000288
Varistor, 26J, 25VRMS	MCFT000289
Varistor, 33J, 30VRMS	MCFT000290
Varistor, 38J, 35VRMS	MCFT000291
Varistor, 43J, 40VRMS	MCFT000292
Varistor, 48J, 50VRMS	MCFT000293
Varistor, 55J, 75VRMS	MCFT000294
Varistor, 70J, 95VRMS	MCFT000295
Varistor, 95J, 130VRMS	MCFT000296
Varistor, 110J, 150VRMS	MCFT000297
Varistor, 163J, 230VRMS	MCFT000298
Varistor, 180J, 250VRMS	MCFT000299
Varistor, 190J, 275VRMS	MCFT000300
Varistor, 220J, 300VRMS	MCFT000301

Disclaimer This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. SPC Multicomp is the registered trademark of the Group. © Premier Farnell plc 2010.

<http://www.farnell.com>
<http://www.newark.com>
<http://www.cpc.co.uk>

