



Specifications (Disk type)

Part No.	R ₂₅ ^{*1} (Ω)	B value ^{*2} B _{25/85} (K)	Maximum energy J (W·s)	Maximum rating current at 25°C (A)	Residual resistance ^{*3} (Ω)	Dissipation factor (mW/°C)	Thermal time constant ^{*4} (s)	Rating temp (°C)	Maximum capacitance (μF)			
									AC100V	AC120V	AC220V	AC240V
3D-22	3±15%	3250±5%	40.0	5.4	0.137	29.8	130	-30~160	8,500	5,900	1,700	1,470
4D-22	4±15%	3250±5%	50.0	4.7	0.182	30.7	160	-30~160	11,000	7,600	2,200	1,900
6D-22	6±15%	3250±5%	80.0	3.9	0.274	32.4	220	-30~160	17,000	11,800	3,500	2,950
4D-18	4±15%	3250±5%	9.0	4.1	0.182	22.8	100	-30~160	2,000	1,350	410	340
5D-18	5±15%	3250±5%	11.0	3.8	0.228	24.6	120	-30~160	2,500	1,700	510	430
8D-18	8±15%	3250±5%	18.0	3.1	0.365	27.2	150	-30~160	4,100	2,800	840	710
10D-18	10±15%	3250±5%	22.0	2.8	0.456	28.2	150	-30~160	5,000	3,400	1,030	860
5D-13	5±15%	3250±5%	4.0	3.4	0.228	20.1	55	-30~160	900	620	180	150
8D-13	8±15%	3250±5%	6.0	2.7	0.365	20.3	65	-30~160	1,400	970	280	240
16D-13	16±15%	3250±5%	12.0	1.9	0.730	21.4	105	-30~160	2,800	1,900	570	480
5D-11	5±15%	3250±5%	4.0	3.3	0.228	19.0	50	-30~160	900	620	180	150
8D-11	8±15%	3250±5%	6.0	2.6	0.365	19.8	70	-30~160	1,400	970	280	240
10D-11	10±15%	3250±5%	7.0	2.4	0.456	20.1	75	-30~160	1,800	1,250	370	310
10D-9	10±15%	3250±5%	2.0	2.2	0.456	17.2	40	-30~160	510	350	100	80
16D-9	16±15%	3250±5%	4.0	1.7	0.730	17.4	50	-30~160	820	560	160	140
22D-7	22±15%	3250±5%	1.0	1.4	1.003	15.7	30	-30~160	310	210	60	50

Specifications (Washer type)

Part No.	R ₂₅ ^{*1} (Ω)	B value ^{*2} B _{25/85} (K)	Maximum energy J (W·s)	Maximum rating current at 25°C (A)	Residual resistance ^{*3} (Ω)	Dissipation factor (mW/°C)	Thermal time constant ^{*4} (s)	Rating temp (°C)	Maximum capacitance (μF)			
									AC100V	AC120V	AC220V	AC240V
6W-22	6.0±15%	3250±5%	80	6.1	0.153	34.0	220	-30~200	17,000	11,800	3,500	2,950
4W-25	4.0±15%	3250±5%	50	7.8	0.102	36.2	160	-30~200	11,000	7,600	2,200	1,900

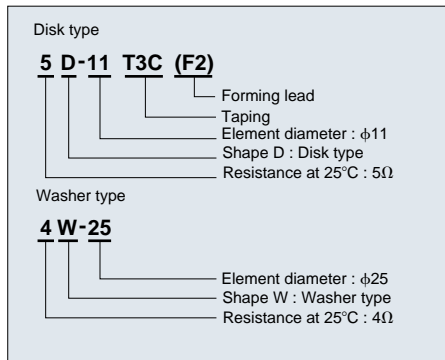
*1 R₂₅: Rated zero-power resistance value at 25°C.

*2 B value: determined by rated zero-power resistance at 25°C and 85°C.

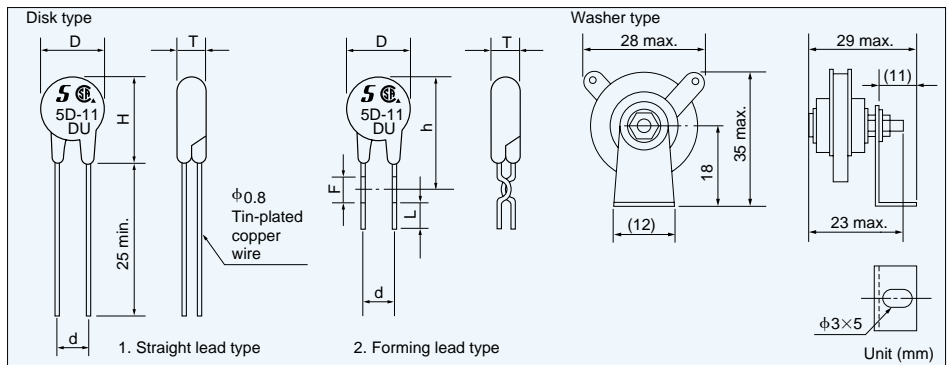
*3 Residual resistance is the maximum value when maximum rating current is applied.

*4 Time when thermistor temperature reaches 63.2% of the temperature difference. The value is measured in the air.

Part number



Dimensions



● UL approved (Disk type)

File No. E92669

Thermistor type device

● Canadian Standards (Disk type)

File No. CA97673-1

Class 7950 30 NTC Thermistor

	D	T	H	h	F	L	d
D-7	9.5max.	5max.	13max.	15max.	3±0.2	3.5±0.5	6±1
D-9	11max.	6max.	15max.	17max.			7.5±1
D-11	14max.		18max.	20max.			
D-13	16max.	8max.	20max.	22max.			
D-18	21max.	9max.	26max.	28max.			
D-22	25max.	8max.	30max.	32max.	10±1		

Taping

	P	P ₀	P ₁	W	W ₀	W ₁	W ₂	H ₁	L	F ₁	φD ₀	t	t ₁	Δh
D-7	15±1	15±0.3	3.75±0.7	18 ^{+1.0} _{-0.5}	5min.	9±0.5	3max.	16±0.5	1max.	7.5±0.5	4±0.3	0.6±0.3	1.6max.	0±2
D-9														
D-11														
D-13	30±1													

Taping

