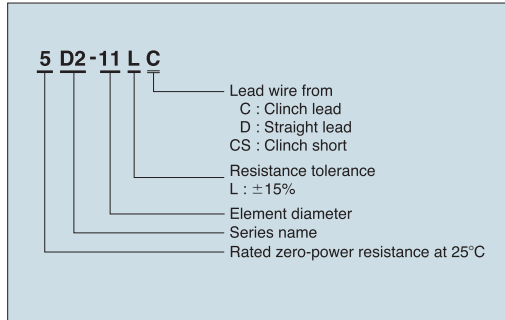


Part number

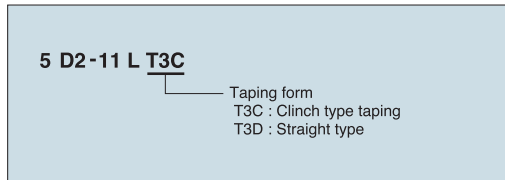


Applications

- Switching power supply
- Adapter
- LC, Plasma TV, DVD player
- AV, home electricity, Air-con
- OA, printer, PC
- etc.

Acquisition Standard

UL1434 File No. E92669



Specifications : D2 Series Version 1

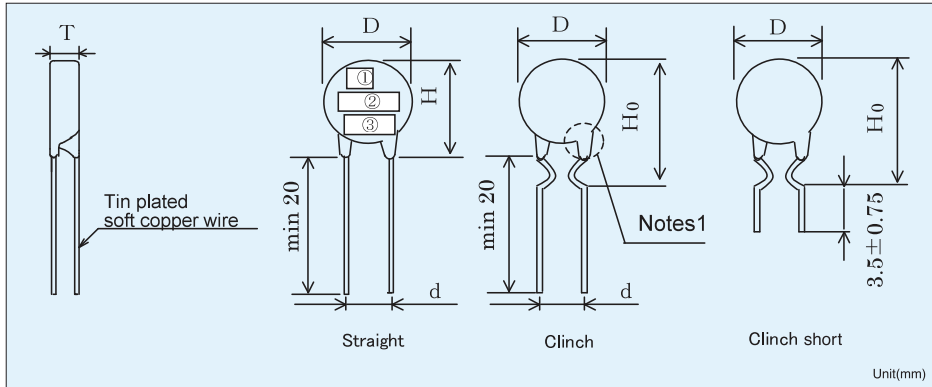
Part No.	Rated zero-power resistance (±15%)	Dissipation factor	Thermal time constant	Maximum current at 25°C	Residual resistance	Maximum permissible capacitance		Category temperature range (°C)
	[Ω]					[mW/°C]	[S]	
5D2-07 □ □	5.0	(30)	(35)	3.0	0.36	400	80	-40~+160
8D2-07 □ □	8.0		(41)	2.0	0.58	560	110	
10D2-07 □ □	10.0		(45)			680	140	
12D2-07 □ □	12.0		(41)	1.7	0.78	380	80	
16D2-07 □ □	16.0		(45)	2.0	1.04	800	160	
22D2-07 □ □	22.0		(50)	1.0	1.43	960	190	
2D2-10 □ □	2.0	(32)	(50)	5.0	0.15	1640	330	
3D2-10 □ □	3.0		(53)	4.0	0.22	1720	350	
5D2-10 □ □	5.0		(53)			0.33	1440	
8D2-10 □ □	8.0		(70)	3.0	0.52	1560	320	
10D2-10 □ □	10.0		(75)			0.65	1640	
12D2-10 □ □	12.0		(53)	1.8	0.71	830	170	
16D2-10 □ □	16.0	(70)	1.6	0.94				
2D2-14 □ □	2.0	(36)	(90)	5.0	0.15	4200	860	
3D2-14 □ □	3.0		(80)		0.20	3080	630	
4D2-14 □ □	4.0		(95)		0.26	3400	700	
5D2-14 □ □	5.0		(110)	4.0	0.33	3600	740	
8D2-14 □ □	8.0		(80)	2.5	0.47	1390	280	
10D2-14 □ □	10.0		(95)	2.2	0.59	1790	370	
12D2-14 □ □	12.0		(105)	2.0	0.71	2190	450	
16D2-14 □ □	16.0		(115)	1.8	0.94	2790	570	

*The rated values in "Dissipation factor" and "Thermal time constant" are for reference.

Specifications : D2 Series Version 2

Part No.	Rated zero-power resistance (±15%)	Dissipation factor	Thermal time constant	Maximum current at 25°C	Residual resistance	Maximum permissible capacitance		Category temperature range	Rated B-value (±5%)		
	[Ω]					[mW/°C]	[S]			[A]	[Ω]
5D2-05 □ □	5.0	(15)	(20)	2.0	0.48	860	170	-50~+150	2650		
10D2-05 □ □	10.0	(7)		1.0	0.91				2700		
20D2-05 □ □	20.0	(1)		0.3	1.66				2800		
5D2-08 □ □	5.0	(22)	(35)	3.0	0.35	1260	260	-50~+170	2700		
10D2-08 □ □	10.0	(17)		2.0	0.63				2800		
15D2-08 □ □	15.0	(26)			1.0	0.94	2880		590	2800	
20D2-08 □ □	20.0	(8)		1.13		2900					
2D2-11 □ □	2.0	(26)		(40)	5.0	0.15	2700		550	-50~+170	2650
3D2-11 □ □	3.0	(24)	4.0		0.22	4830	990	2650			
4D2-11 □ □	4.0	(31)				0.28	2880	590	2700		
5D2-11 □ □	5.0	(39)					0.35	2700	550		2700
8D2-11 □ □	8.0	(31)	3.0		0.50	2880	590	2800			
10D2-11 □ □	10.0	(42)						3.1	0.63		2800
12D2-11 □ □	12.0	(21)	2.0		0.75	4030	830	2800			
15D2-11 □ □	15.0	(34)				2.5	0.80	2880	590		2950
16D2-11 □ □	16.0	(37)	0.86		2950						
20D2-11 □ □	20.0	(28)			1.02						3000
1D2-13 □ □	1.0	(12)	(55)		6.0	0.06	860	170	-50~+200		2650
2D2-13 □ □	2.0	(21)				0.10					2700
4D2-13 □ □	4.0	(24)		5.0	0.18		2700	550		2800	
4.7D2-13 □ □	4.7	(26)				0.18				2900	
5D2-13 □ □	5.0	(27)								0.19	2900
8D2-13 □ □	8.0	(25)		4.0	0.27	2880	590	3000			
10D2-13 □ □	10.0	(29)						0.32		3050	
12D2-13 □ □	12.0	(37)								0.41	3000
15D2-13 □ □	15.0	(25)		3.0	0.48	4830	990	3050			
16D2-13 □ □	16.0	(26)				0.51	3050				
1D2-15 □ □	1.0	(22)					(70)	8.0		0.06	6910
1.5D2-15 □ □	1.5	(29)		0.08	2650						
2D2-15 □ □	2.0	(37)	0.10		2700						
3D2-15 □ □	3.0	(36)		7.0	0.13	4030		830	2800		
4D2-15 □ □	4.0	(48)	0.18						2800		
4.7D2-15 □ □	4.7	(37)		6.0	0.18	5760		1190	2900		
5D2-15 □ □	5.0	(39)	0.19						2900		
8D2-15 □ □	8.0	(39)		5.0	0.27	5760		1190	3000		
10D2-15 □ □	10.0	(49)	0.34						3000		
12D2-15 □ □	12.0	(54)							0.39	3050	
15D2-15 □ □	15.0	(41)	4.0	0.45	5760	1190		3100			
16D2-15 □ □	16.0	(44)						0.48	3100		
4D2-18 □ □	4.0	(59)					(90)		8.0	0.16	6910
5D2-18 □ □	5.0	(66)	0.18	2950							
8D2-18 □ □	8.0	(53)		6.0	0.26	6910		1420	3050		
10D2-18 □ □	10.0	(62)	0.30						3100		
47D2-18 □ □	47.0	(21)		2.0	0.94	12600		2610	-50~+200	3450	
3D2-22 □ □	3.0	(48)	8.0							0.13	12600
4D2-22 □ □	4.0	(59)		0.16	2900						
6D2-22 □ □	6.0	(43)			0.21	3000					

Dimensions



①: Trade mark **S** ②: Part.No. (Notes 2) ③: Lot.No.

Notes1 : In case of adding strength to lead wire from the side, it may occur crack and fragment at a part of pants legs.

Notes2 : In case of D2-05, Marking is Resistance and D2. (example) 5D2-05... [5D2]

Dimensions Version 1

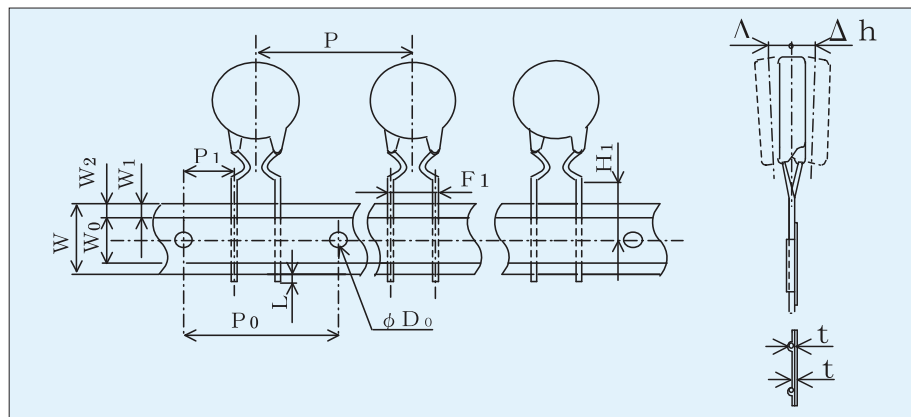
Part No.	Dimensions [mm]					
	D	H	T	d	H0	lead wire
<input type="checkbox"/> D2-07 <input type="checkbox"/> <input type="checkbox"/>	max. 11.0	max. 13.0	max. 9.0	5.0±1.0	max. 16.0	(φ0.8)
<input type="checkbox"/> D2-10 <input type="checkbox"/> <input type="checkbox"/>	max. 13.0	max. 17.0			max. 19.5	
<input type="checkbox"/> D2-14 <input type="checkbox"/> <input type="checkbox"/>	max. 17.0	max. 21.0		7.5±1.0	max. 22.5	

Dimensions Version 2

Part No.	Dimensions [mm]					
	D	H	T	d	H0	lead wire
<input type="checkbox"/> D2-05 <input type="checkbox"/> <input type="checkbox"/>	max 8.5	max 11.5	max. 7.0	5.0±1.0	max 15.5	(φ0.8)
<input type="checkbox"/> D2-08 <input type="checkbox"/> <input type="checkbox"/>	max 10.0	max 13.0			max 17.0	
<input type="checkbox"/> D2-11 <input type="checkbox"/> <input type="checkbox"/>	max 11.5	max 15.0	max. 8.0	7.5±1.0	max 18.5	
<input type="checkbox"/> D2-13 <input type="checkbox"/> <input type="checkbox"/>	max 14.5	max 18.0			max 21.5	
<input type="checkbox"/> D2-15 <input type="checkbox"/> <input type="checkbox"/>	max 16.5	max 20.0		10.0±1.0	max 23.0	max 23.0
<input type="checkbox"/> D2-18 <input type="checkbox"/> <input type="checkbox"/>	max 19.5	max 23.0	max 26.0			
<input type="checkbox"/> D2-22 <input type="checkbox"/> <input type="checkbox"/>	max 23.0	max 26.5	max 8.5			max 29.5

Taping

Clinch type taping : T3C



Taping qty

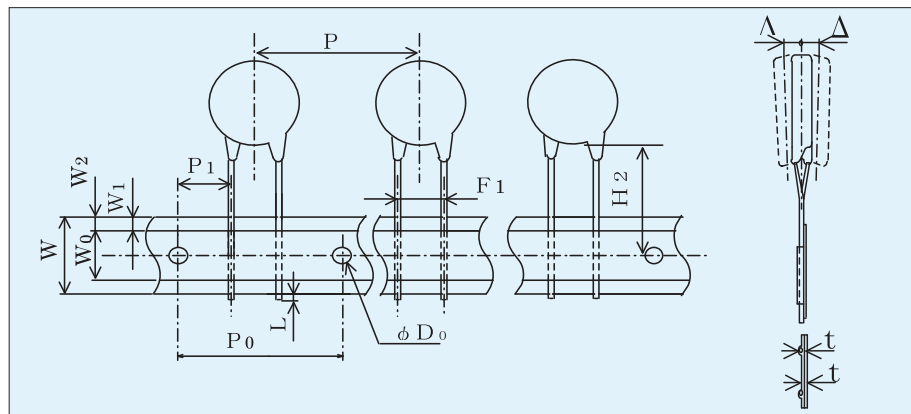
version 1

D2-07	1,000pcs/box
D2-10	
D2-14	(Part 500pcs/box)

version 2

D2-05	1,000pcs/box
D2-08	
D2-11	
D2-13	(Part 500pcs/box)

Straight type taping : T3D



Dimensions (Version 1)

Unit(mm)

	P	P0	P1	W	W0	W1	W2	H1
D2-07	15.0±1.0	15.0±3.0	5.0±0.7	17.5~19.0	min5.0	9.0±0.5	max3.0	16.0±0.5
D2-10	15.0±1.0							
D2-14	30.0±1.0		3.75±0.7					
	H2	L	F1	φD0	t	t1	Δh	
D2-07	19.0~21.5	max1.0	5.0±0.5	4.0±0.2	0.6±0.3	max1.5	0±2.0	
D2-10								
D2-14			7.5±0.5					

Dimensions (Version 2)

	P	P0	P1	W	W0	W1	W2	H1
D2-05	15.0±1.0	15.0±3.0	5.0±0.7	17.5~19.0	min5.0	9.0±0.5	max3.0	16.0±0.5
D2-08	15.0±1.0							
D2-11	15.0±1.0		3.75±0.7					
D2-13	30.0±1.0							
	H2	L	F1	φD0	t	t1	Δh	
D2-05	19.0~21.5	max1.0	5.0±0.5	4.0±0.2	0.6±0.3	max1.5	0±2.0	
D2-08								
D2-11			7.5±0.5					
D2-13								