

N (Standard) Series

Diameter: 10 mm

標準系列



Part No. 產品型號	Maximum Allowable Voltage 可容許之最大電壓		Energy 能量 10/1000 μ S	Withstanding Surge Current 突波電流耐量 8/20 μ S		Rated Wattage 額定功率	Varistor Voltage 壓敏電壓	Maximum Clamping Voltage 最大抑制電壓
	ACrms (V)	DC (V)	(J)	1 time	2 times	(W)	at 1mA (V)	at 25A (V)
				(A)				
10D112K	680	895	133	2500	1250	0.4	1100(990-1210)	1815
10D102K	625	825	133				1000(900-1100)	1650
10D911K	550	745	133				910(819-1001)	1500
10D821K	510	670	125				820(738-902)	1355
10D781K	485	640	125				780(702-858)	1290
10D751K	460	615	125				750(675-825)	1240
10D681K	420	560	102				680(612-748)	1120
10D621K	385	505	102				620(558-682)	1025
10D561K	350	460	100				560(504-616)	920
10D511K	320	415	100				510(459-561)	845
10D471K	300	385	100				470(423-517)	775
10D431K	275	350	88.2				430(387-473)	710
10D391K	250	320	81.2				390(351-429)	650
10D361K	230	300	74.2				360(324-396)	595
10D331K	210	275	68.6				330(297-363)	550
10D301K	190	250	63.0				300(270-330)	505
10D271K	175	225	57.4				270(243-297)	455
10D251K	160	205	52.0				250(225-275)	415
10D241K	150	200	50.4				240(216-264)	395
10D221K	140	180	46.2				220(198-242)	360
10D201K	130	170	42.0				200(185-225)	330
10D181K	115	150	30.8				180(162-198)	300
10D151K	95	125	25.2				150(135-165)	250
10D121K	75	100	21.0				120(108-132)	200
10D101K	60	85	18.2				100(90-110)	165
10D820K	50	65	16.8				82(74-90)	135

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	ACrms (V)	DC (V)	(J)	1 time	2 times	(W)	at 1mA (V)	at 5A (V)
				(A)				
10D680K	40	56	15.4	500	250	0.05	68(61-75)	135
10D560K	35	45	12.9				56(50-62)	110
10D470K	30	38	10.8				47(42-52)	93
10D390K	25	31	9.1				39(35-43)	77
10D330K	20	26	7.4				33(30-36)	65
10D270K	17	22	6.0				27(24-30)	53
10D220K	14	18	4.5				22(20-24)	43
10D180L	10	14	2.8				18(15-21)	38
10D120M	7	9	1.8				12(9.6-14.4)	25

J (High Surge & High Energy) Series

Diameter: 10 mm

高焦耳系列



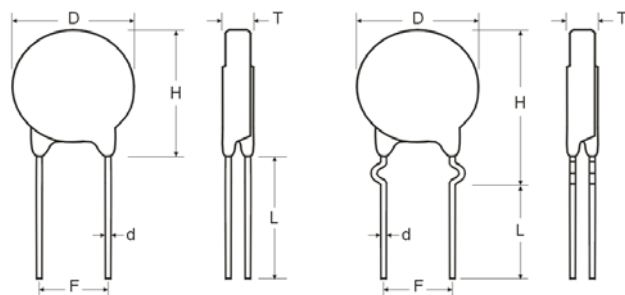
Part No. 產品型號	Maximum Allowable Voltage 可容許之最大電壓		Energy 能量 10/1000 μ S	Withstanding Surge Current 突波電流耐量 8/20 μ S		Rated Wattage 額定功率	Varistor Voltage 壓敏電壓	Maximum Clamping Voltage 最大抑制電壓
	ACrms (V)	DC (V)	(J)	1 time	2 times	(W)	at 1mA (V)	at 25A (V)
				(A)				
10D112K	680	895	155	3500	2500	0.4	1100(990-1210)	1815
10D102K	625	825	140				1000(900-1100)	1650
10D911K	550	745	134				910(819-1001)	1500
10D821K	510	670	125				820(738-902)	1355
10D781K	485	640	125				780(702-858)	1290
10D751K	460	615	125				750(675-825)	1240
10D681K	420	560	103				680(612-748)	1120
10D621K	385	505	103				620(558-682)	1025
10D561K	350	460	102				560(504-616)	920
10D511K	320	415	102				510(459-561)	845
10D471K	300	385	100				470(423-517)	775
10D431K	275	350	89.0				430(387-473)	710
10D391K	250	320	82.0				390(351-429)	650
10D361K	230	300	75.0				360(324-396)	595
10D331K	210	275	69.0				330(297-363)	550
10D301K	190	250	63.5				300(270-330)	505
10D271K	175	225	58.0				270(243-297)	455
10D241K	150	200	51.0				240(216-264)	395
10D221K	140	180	46.5				220(198-242)	360
10D201K	130	170	42.5				200(185-225)	330
10D181K	115	150	38.0				180(162-198)	300
10D151K	95	125	26.0				150(135-165)	250
10D121K	75	100	21.5				120(108-132)	200
10D101K	60	85	18.5				100(90-110)	165
10D820K	50	65	17.0				82(74-90)	135

Part No. 產品型號	Maximum Allowable Voltage 可容許之最大電壓		Energy 能量 10/1000 μ S	Withstanding Surge Current 突波電流耐量 8/20 μ S		Rated Wattage 額定功率	Varistor Voltage 壓敏電壓	Maximum Clamping Voltage 最大抑制電壓
	ACrms (V)	DC (V)	(J)	1 time	2 times	(W)	at 1mA (V)	at 5A (V)
				(A)				
10D680K	40	56	16.0	1000	500	0.05	68(61-75)	135
10D560K	35	45	13.0				56(50-62)	110
10D470K	30	38	11.0				47(42-52)	93
10D390K	25	31	9.5				39(35-43)	77
10D330K	20	26	8.0				33(30-36)	65
10D270K	17	22	6.5				27(24-30)	53
10D220K	14	18	5.0				22(20-24)	43
10D180L	10	14	3.0				18(15-21)	38

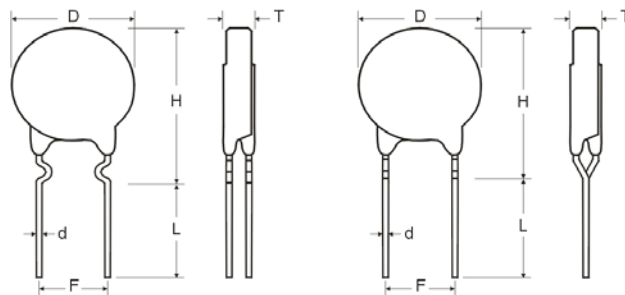
D5 to D25 Dimensions

產品尺寸

S: Straight Lead **C:** Out Crimped Lead



I: Inner Crimped Lead **Y:** Y Kink Lead



Unit: mm

Size	D max	H max		d ± 0.05	F ± 0.8	L min
Lead	All	S	C/I/Y	All	All	All
D05	7	10	13	0.6	5	20
D07	9	12	15	0.6	5	20
D10	13	16	19.5	0.8	5	20
					7.5	
D14	17	20	23	0.8	7.5	20
D20	23	27	30	0.8	7.5	20
				1.0	10	
D25	28	31	35	1.0	12.5	20

T Thickness (Max.)

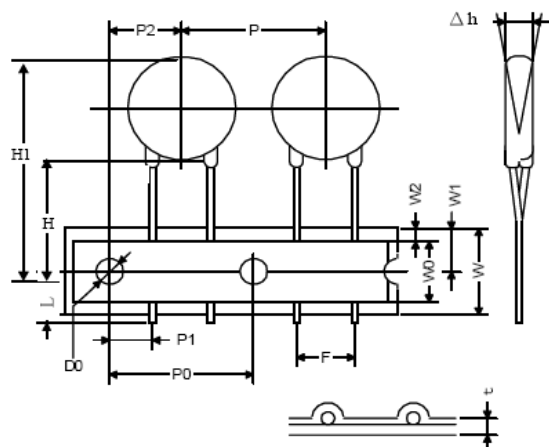
unit: mm

Part Code	D05	D07	D10	D14	D20	D25
182K	---	---	12.5	12.5	15.6	16.6
152K	---	---	11.0	11.0	13.2	13.5
122K	---	---	---	---	---	11.5
112K	---	---	8.5	8.5	10.1	10.8
102K	---	---	8.3	8.3	9.5	10.5
911K	---	---	8.1	8.1	9.0	9.6
821K	---	6.9	7.9	7.9	8.5	9.1
781K	---	6.7	7.7	7.7	8.4	8.7
751K	6.5	6.5	7.5	7.5	8.2	8.5
681K	6.4	6.4	7.1	7.1	7.8	8.3
621K	6.4	6.4	7.1	7.1	7.5	7.6
561K	6.2	6.2	6.7	6.7	7.0	7.3
511K	5.8	5.8	6.4	6.4	6.8	7.0
471K	5.6	5.6	6.1	6.1	6.6	6.8
431K	5.3	5.3	5.9	5.9	6.4	6.5
391K	5.1	5.1	5.7	5.7	6.2	6.3
361K	5.0	5.0	5.5	5.5	6.2	6.2
331K	4.8	4.8	5.3	5.3	5.9	6.1
301K	4.7	4.7	5.1	5.1	5.7	6.1
271K	4.5	4.5	5.0	5.0	5.6	6.0
251K	4.4	4.4	4.9	4.9	5.5	---
241K	4.3	4.3	4.8	4.8	5.4	5.7
221K	4.2	4.2	4.7	4.7	5.3	5.6
201K	4.1	4.1	4.5	4.5	5.0	5.5
181K	4.1	4.1	4.5	4.5	5.0	---
151K	4.8	4.8	5.2	5.2	5.6	---
121K	4.5	4.5	4.9	4.9	5.3	---
101K	4.3	4.3	4.7	4.7	5.1	---
820K	4.1	4.1	4.5	4.5	4.9	---
680K	4.5	5.2	5.3	5.3	5.8	---
560K	4.5	5.0	5.1	5.1	5.7	---
470K	4.5	4.9	5.0	5.0	5.6	---
390K	4.5	4.8	4.9	4.9	5.5	---
330K	4.5	4.9	5.0	5.0	5.4	---
270K	4.5	4.7	4.8	4.8	5.3	---
220K	4.5	4.6	4.7	4.7	5.2	---
180L	4.5	4.5	4.6	4.6	5.1	---
120M	4.3	4.3	4.5	4.5	---	---
8R0M	4.3	4.3	---	---	---	---

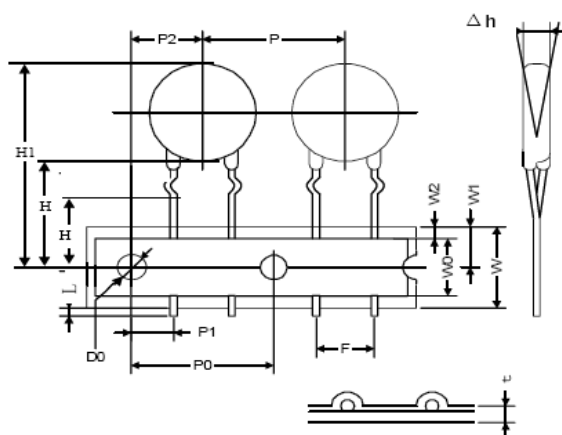
Taping Specifications

捲裝規範

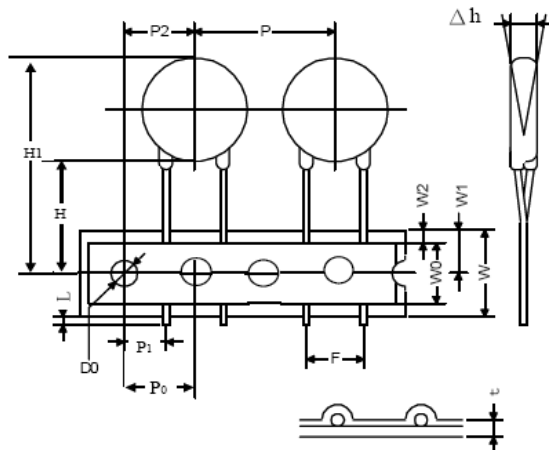
Straight Leads (5D,7D,10D)



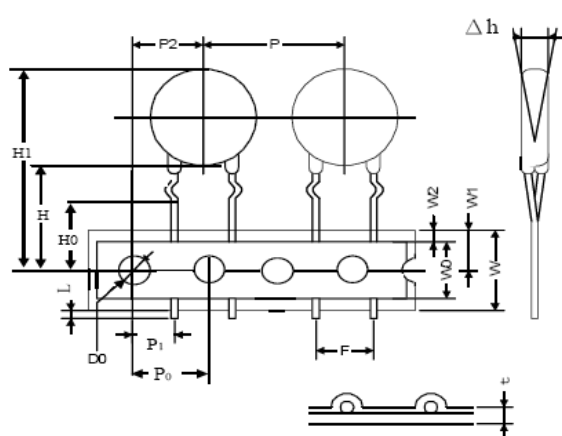
Crimped Leads (5D,7D,10D)



Straight Leads (10D,14D,20D)



Crimped Leads (10D,14D,20D)



Symbol	Parameter	05D	07D	10D		14D	20D	
P	Pitch of Component	12.7 ± 1.0	12.7 ± 1.0	12.7 ± 1.0	25.4 ± 1.0	25.4 ± 1.0	25.4 ± 1.0	
P0	Feed Hole Pitch	12.7 ± 0.3	12.7 ± 0.3	12.7 ± 0.3	12.7 ± 0.3	12.7 ± 0.3	12.7 ± 0.3	
P1	Feed Hole Center to Lead	3.85 ± 0.7	3.85 ± 0.7	3.85 ± 0.7	8.95 ± 0.7	8.95 ± 0.7	8.95 ± 0.7	7.7 ± 0.7
P2	Hole Center to Component Center	6.35 ± 1.3	6.35 ± 1.3	6.35 ± 1.3	12.7 ± 1.3	12.7 ± 1.3	12.7 ± 1.3	
F	Lead to Lead Distance	5.0 ± 0.8	5.0 ± 0.8	5.0 ± 0.8	7.5 ± 0.8	7.5 ± 0.8	7.5 ± 0.8	10 ± 0.8
Δh	Component Alignment	0 ± 0.2	0 ± 0.2	0 ± 0.2	0 ± 0.2	0 ± 0.2	0 ± 0.2	
W	Tape Width	18.0 ± 1.0	18.0 ± 1.0	18.0 ± 1.0		18.0 ± 1.0	18.0 ± 1.0	
W0	Hold Down Tape Width	12.5max	12.5max	12.5max		12.5max	12.5max	
W1	Hold Position	9.0 ± 0.5	9.0 ± 0.5	9.0 ± 0.5		9.0 ± 0.5	9.0 ± 0.5	
W2	Hold Down Tape Position	3.0max	3.0max	3.0max		3.0max	3.0max	
H	Height from Tape Center to Component	20.0 ± 2.0	20.0 ± 2.0	20.0 ± 2.0		20.0 ± 2.0	20.0 ± 2.0	
H1	Component Height	29.0max	32.0max	36.0max		40.0max	46.5max	
H0(Y,C)	Height from Tape Center to Component	16.0 ± 1.0	16.0 ± 1.0	16.0 ± 1.0		16.0 ± 1.0	16.0 ± 1.0	
L	Length of Clipped Lead	1.0max	1.0max	1.0max		1.0max	1.0max	
D0	Feed Hole Diameter	4.0 ± 0.2	4.0 ± 0.2	4.0 ± 0.2		4.0 ± 0.2	4.0 ± 0.2	
t	Total Tape Thickness	0.6 ± 0.3	0.6 ± 0.3	0.6 ± 0.3		0.6 ± 0.3	0.6 ± 0.3	