

N (Standard) Series

Diameter: 5 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
					(A)				(W)
05D751K	460	615	22.4	400	200	0.1	750(675-825)	1240	
05D681K	420	560	21.0				680(612-748)	1120	
05D621K	385	505	21.0				620(558-682)	1025	
05D561K	350	460	19.6				560(504-616)	920	
05D511K	320	415	19.6				510(459-561)	845	
05D471K	300	385	18.2				470(423-517)	775	
05D431K	275	350	16.8				430(387-473)	710	
05D391K	250	320	15.4				390(351-429)	650	
05D361K	230	300	14.0				360(324-396)	595	
05D331K	210	275	14.0				330(297-363)	550	
05D301K	190	250	11.8				300(270-330)	505	
05D271K	175	225	10.5				270(243-297)	455	
05D251K	160	205	10.0				250(225-275)	415	
05D241K	150	200	9.8				240(216-264)	395	
05D221K	140	180	8.8				220(198-242)	360	
05D201K	130	170	7.7				200(185-225)	330	
05D181K	115	150	5.6				180(162-198)	300	
05D151K	95	125	4.2				150(135-165)	250	
05D121K	75	100	4.2				120(108-132)	200	
05D101K	60	85	2.8				100(90-110)	165	
05D820K	50	65	2.8				82(74-90)	135	

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	ACrms (V)	DC (V)	(J)	1 time	2 times	(W)	at 0.1mA (V)	at 1A (V)
				(A)				
05D680K	40	56	1.8	100	50	0.01	68(61-75)	135
05D560K	35	45	1.5				56(50-62)	110
05D470K	30	38	1.4				47(42-52)	93
05D390K	25	31	1.1				39(35-43)	77
05D330K	20	26	0.8				33(30-36)	65
05D270K	17	22	0.7				27(24-30)	53
05D220K	14	18	0.6				22(20-24)	43
05D180L	10	14	0.4				18(15-21)	38
05D120M	7	9	0.3				12(9.6-14.4)	25
05D8R0M	5	6	0.2				8(6.4-9.6)	17

J (High Surge & High Energy) Series

Diameter: 5 mm

高焦耳系列



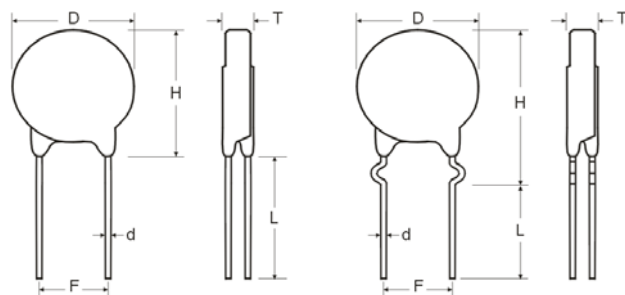
Part No. 產品型號	Maximum Allowable Voltage 可容許之最大電壓		Energy 能量 10/1000 μ S	Withstanding Surge Current 突波電流耐量 8/20 μ S		Rated Wattage 額定功率	Varistor Voltage 壓敏電壓	Maximum Clamping Voltage 最大抑制電壓
	ACrms (V)	DC (V)	(J)	1 time	2 times	(W)	at 0.1mA (V)	at 5A (V)
				(A)				
05D751K	460	615	32.0	800	600	0.1	750(675-825)	1240
05D681K	420	560	29.0				680(612-748)	1120
05D621K	385	505	25.0				620(558-682)	1025
05D561K	350	460	23.0				560(504-616)	920
05D511K	320	415	21.0				510(459-561)	845
05D471K	300	385	21.0				470(423-517)	775
05D431K	275	350	20.0				430(387-473)	710
05D391K	250	320	17.0				390(351-429)	650
05D361K	230	300	16.0				360(324-396)	595
05D331K	210	275	14.5				330(297-363)	550
05D301K	190	250	14.0				300(270-330)	505
05D271K	175	225	13.0				270(243-297)	455
05D241K	150	200	11.0				240(216-264)	395
05D221K	140	180	9.0				220(198-242)	360
05D201K	130	170	9.0				200(185-225)	330
05D181K	115	150	8.0				180(162-198)	300
05D151K	95	125	7.0				150(135-165)	250
05D121K	75	100	5.0				120(108-132)	200
05D101K	60	85	4.0				100(90-110)	165
05D820K	50	65	4.0				82(74-90)	135

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				(A)				
05D680K	40	56	2.2	250	125	0.01	68(61-75)	135
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05D180L	10	14	0.6				18(15-21)	38

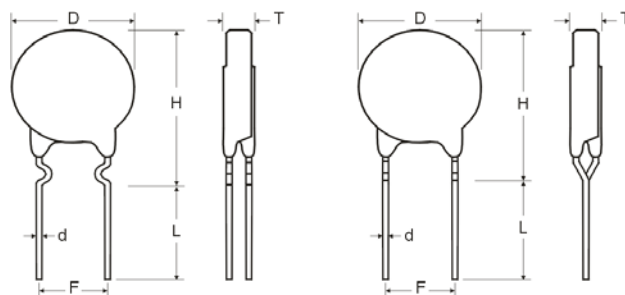
D5 to D25 Dimensions

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.)

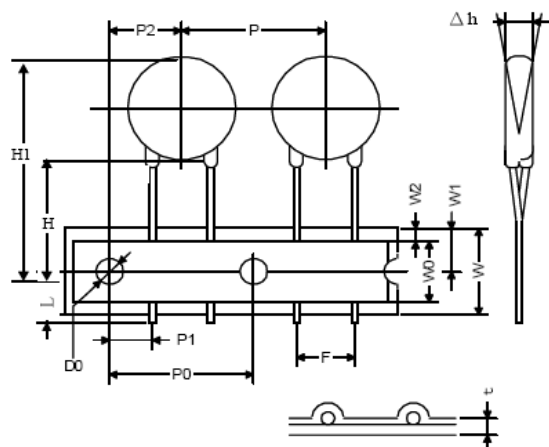
unit: mm

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	---	---	---	---

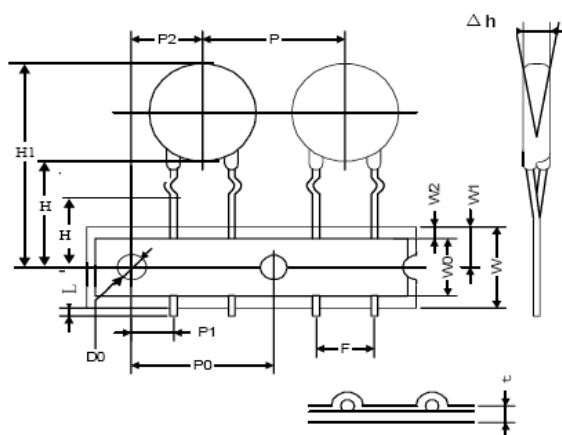
Taping Specifications

捲裝規範

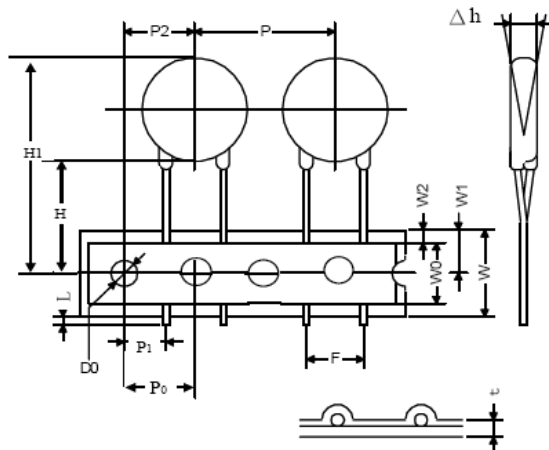
Straight Leads (5D,7D,10D)



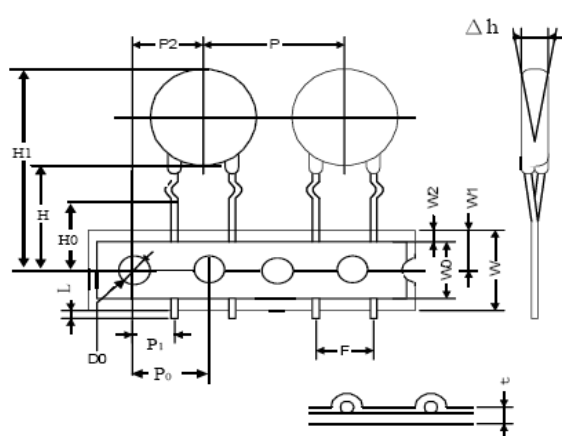
Crimped Leads (5D,7D,10D)



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	