

 FUZETEC TECHNOLOGY CO., LTD.	NO.	SPDs CP/CL Type(32D)		
Product Specification and Approval Sheet	Version	1	Page	1/6

Surge Protective Devices (SPDs) : CP/CL Type(32D)

1. Features

- (a) Epoxy resin coating
- (b) High peak surge current, 8/20 μ s, 5~30kA
- (c) Strap terminal
- (d) Approved to UL1449

2. Applications

- (a) Protection of Communication against lighting
- (b) Industrial Power distributors
- (c) Railway, Highway and Air-signal
- (d) Building Power distributors input against lighting

3. Agency Approvals

Agency	Agency Approvals	Certificate No.
	UL1449	E316325

 FUZETEC TECHNOLOGY CO., LTD.						NO.	SPDs CP/CL Type(32D)			
Product Specification and Approval Sheet						Version	1	Page	2/6	

4. Device Ratings and Characteristics

Part Number	Maximum Continuous Voltage		Varistor Voltage (@1mA)			Maximum Clamping Voltage @Test Current (@8/20μs)		Maximum Energy (@2ms)	Maximum Peak Current (@8/20μs)	Rated Power	Typical Capacitance (@1KHz)
	ACrms(V)	DC(V)	Vn(Vdc)	Min.	Max.	Vc(V)	Ip(A)	(J)	(A)	(W)	(pF)
32D035	35	45	56	50	62	110	30	9.2	5000	0.4	7500
32D040	40	56	68	61	75	135	30	11.1	5000	0.4	7000
32D050	50	65	82	74	90	135	150	37.6	15000	1.0	6900
32D060	60	85	100	90	110	165	150	46.0	15000	1.0	6500
32D075	75	100	120	108	132	200	150	55.2	15000	1.0	6100
32D095	95	125	150	135	165	250	150	69.0	15000	1.0	5800
32D115	115	150	180	162	198	300	150	82.2	15000	1.0	5500
32D130	130	170	205	185	225	340	200	210	30000	1.2	5800
32D140	140	180	220	198	242	360	200	225	30000	1.2	4000
32D150	150	200	240	216	264	395	200	240	30000	1.2	2400
32D175	175	225	275	247	303	455	200	255	30000	1.2	2100
32D195	195	250	300	270	330	505	200	280	30000	1.2	2000
32D210	210	275	330	297	363	550	200	305	30000	1.2	1600
32D230	230	300	360	324	396	595	200	325	30000	1.2	1400
32D250	250	320	390	351	429	650	200	350	30000	1.2	1400
32D275	275	350	430	387	473	710	200	400	30000	1.2	1200
32D300	300	385	470	423	517	775	200	405	30000	1.2	1100
32D320	320	410	510	459	561	845	200	430	30000	1.2	1000
32D345	345	460	560	504	616	925	200	470	30000	1.2	980
32D385	385	510	620	558	682	1025	200	550	30000	1.2	900
32D420	420	560	680	612	748	1120	200	600	30000	1.2	830
32D460	465	615	750	675	825	1240	200	610	30000	1.2	790
32D485	485	640	780	702	858	1290	200	620	30000	1.2	720
32D510	510	670	820	738	902	1355	200	630	30000	1.2	640
32D550	550	745	910	819	1001	1500	200	650	30000	1.2	570
32D625	625	825	1000	900	1100	1650	200	680	30000	1.2	530
32D680	680	895	1100	990	1210	1815	200	760	30000	1.2	490
32D750	750	985	1200	1020	1320	1980	150	552	15000	1.0	850
32D1000	1000	1465	1800	1620	1980	2970	150	828	15000	1.0	850

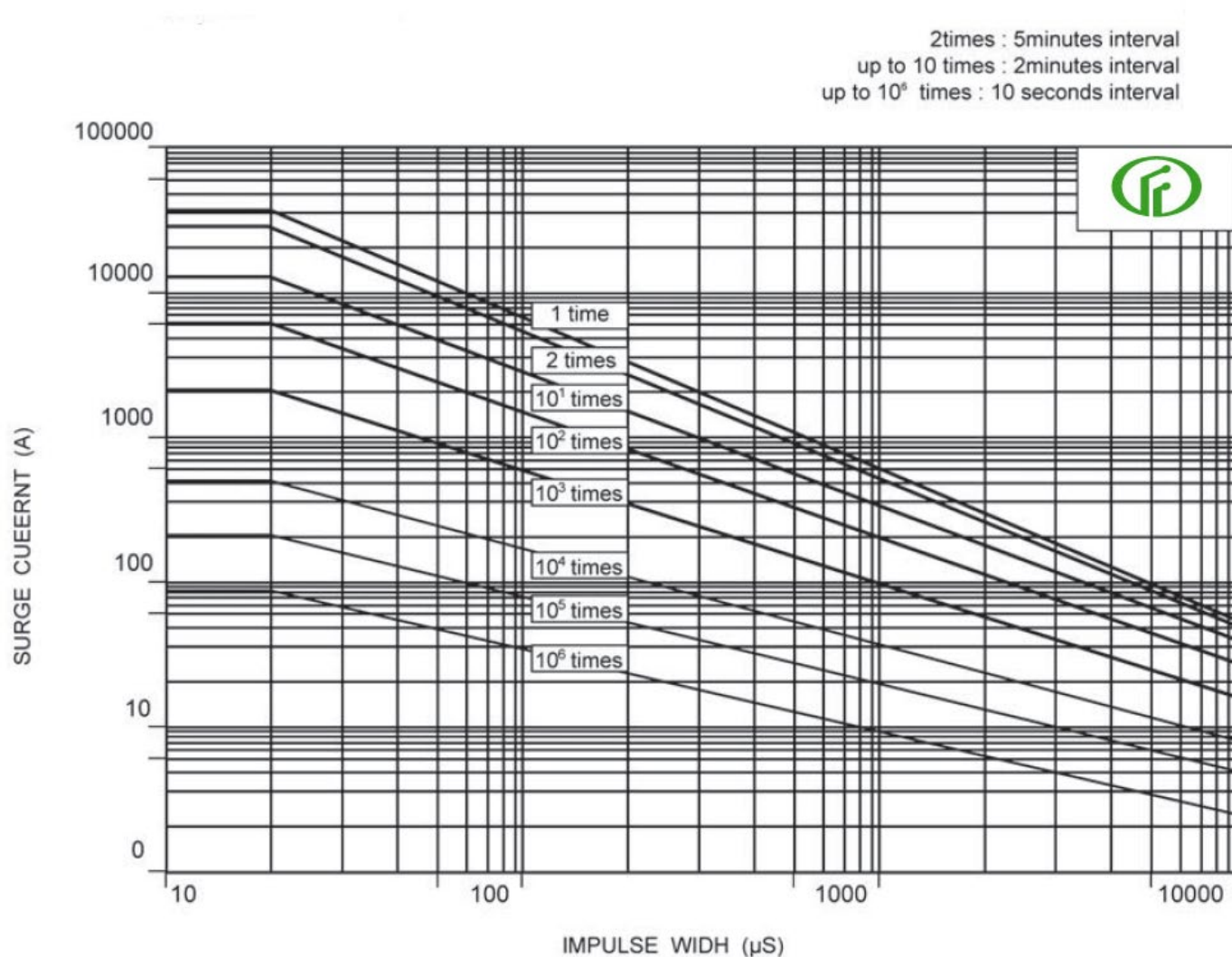
*: May CP, CL.

NOTE : Specification subject to change without notice.

2022/3/24

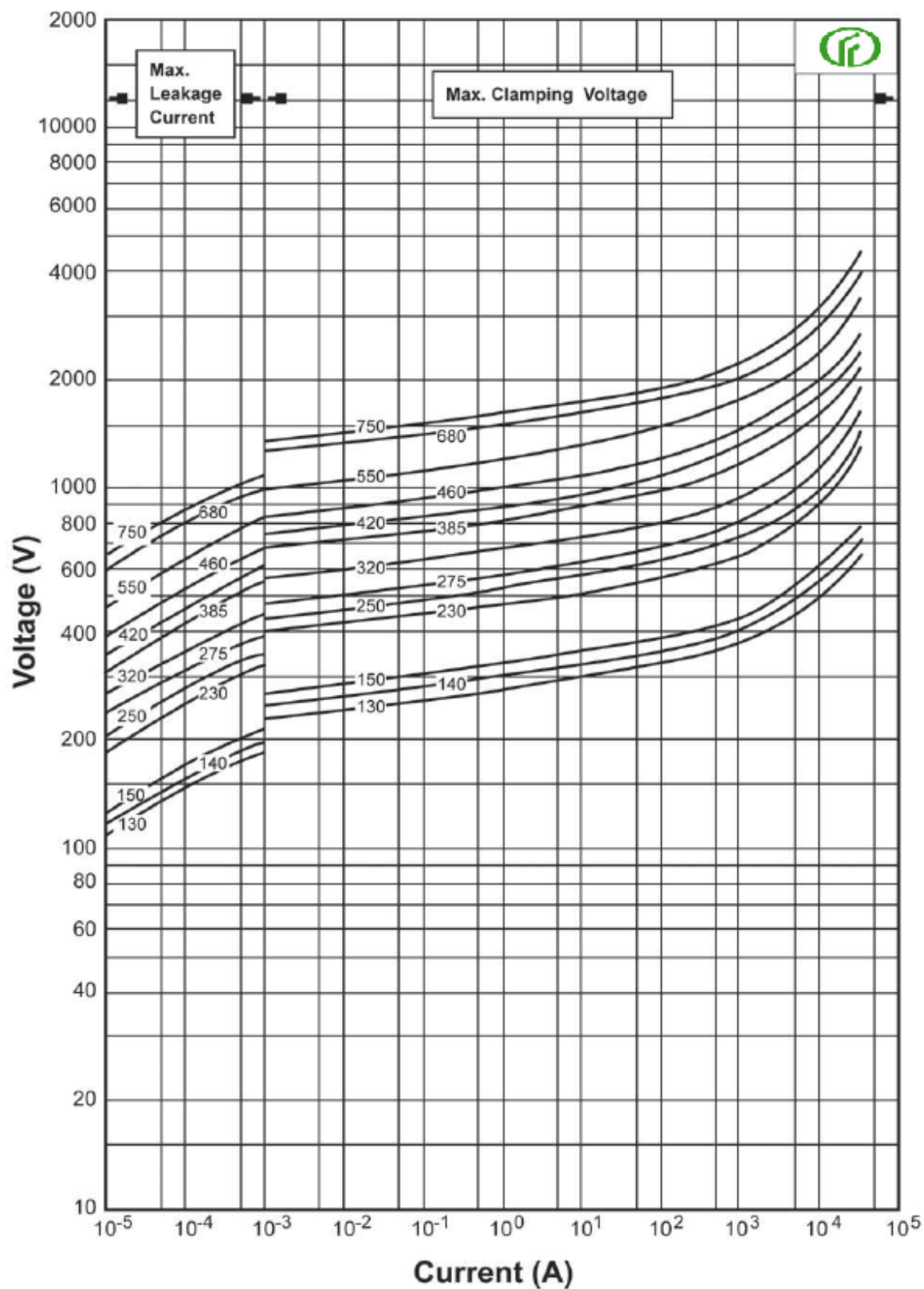


5. Impulse Life Time Rating Curves





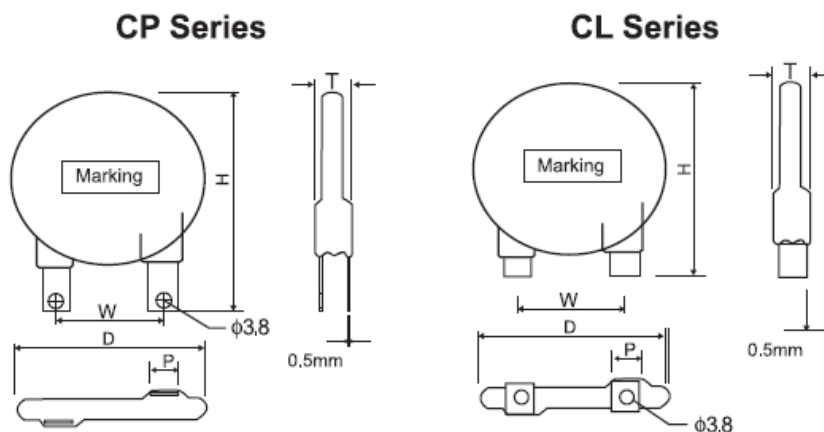
6. V-I Curves



NOTE : Specification subject to change without notice.

 FUZETEC TECHNOLOGY CO., LTD.	NO.	SPDs CP/CL Type(32D)		
Product Specification and Approval Sheet	Version	1	Page	5/6

7. Dimension (Unit: mm)



Part	D	H	W	P	T
Number	Max.	Max.	±1.0	±0.2	Max.
32D035	37.0	50.0	25.4	7.0	9.0
32D040	37.0	50.0	25.4	7.0	9.0
32D050	37.0	50.0	25.4	7.0	9.0
32D060	37.0	50.0	25.4	7.0	9.0
32D075	37.0	50.0	25.4	7.0	9.0
32D095	37.0	50.0	25.4	7.0	9.0
32D115	37.0	50.0	25.4	7.0	9.0
32D130	37.0	50.0	25.4	7.0	9.0
32D140	37.0	50.0	25.4	7.0	9.0
32D150	37.0	50.0	25.4	7.0	9.2
32D175	37.0	50.0	25.4	7.0	9.5
32D195	37.0	50.0	25.4	7.0	9.5
32D210	37.0	50.0	25.4	7.0	9.7
32D230	37.0	50.0	25.4	7.0	9.7
32D250	37.0	50.0	25.4	7.0	10.3
32D275	37.0	50.0	25.4	7.0	10.6
32D300	37.0	50.0	25.4	7.0	10.6
32D320	37.0	50.0	25.4	7.0	11.2
32D345	37.0	50.0	25.4	7.0	11.2
32D385	37.0	50.0	25.4	7.0	11.6
32D420	37.0	50.0	25.4	7.0	11.6
32D460	37.0	50.0	25.4	7.0	11.8
32D485	37.0	50.0	25.4	7.0	11.8
32D510	37.0	50.0	25.4	7.0	11.8
32D550	37.0	50.0	25.4	7.0	12.0
32D625	37.0	50.0	25.4	7.0	12.6
32D680	37.0	50.0	25.4	7.0	13.2
32D750	37.0	50.0	25.4	7.0	13.5
32D1000	37.0	50.0	25.4	7.0	15.0

NOTE : Specification subject to change without notice.

 FUZETEC TECHNOLOGY CO., LTD.	NO.	SPDs CP/CL Type(32D)		
Product Specification and Approval Sheet	Version	1	Page	6/6

8. Explanations of Part Numbers:

32	D	385	C	P
Nominal Disc Diameter	Disc Shape	Max Allowable AC Voltage	Enclosure	Tab Style
20 20mm	D Disc	35 35Vac	C Epoxy	P Planet
22 22mm		130 130Vac		L L Shape
25 25mm		385 385Vac		
32 32mm		680 680Vac		
40 40mm		1000 1000Vac		
53 53mm				