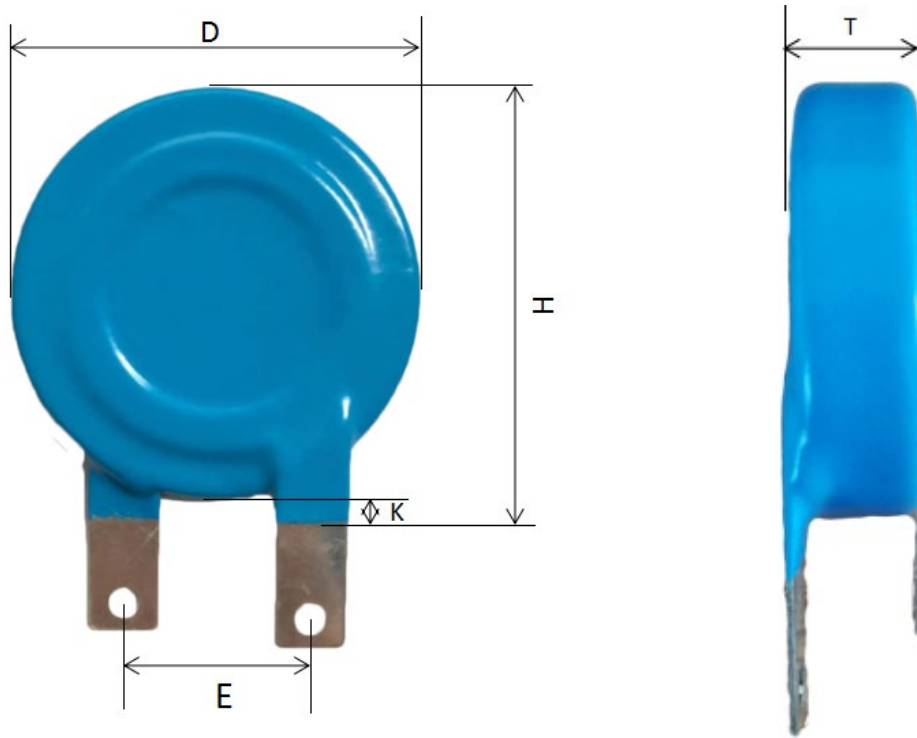


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MOV



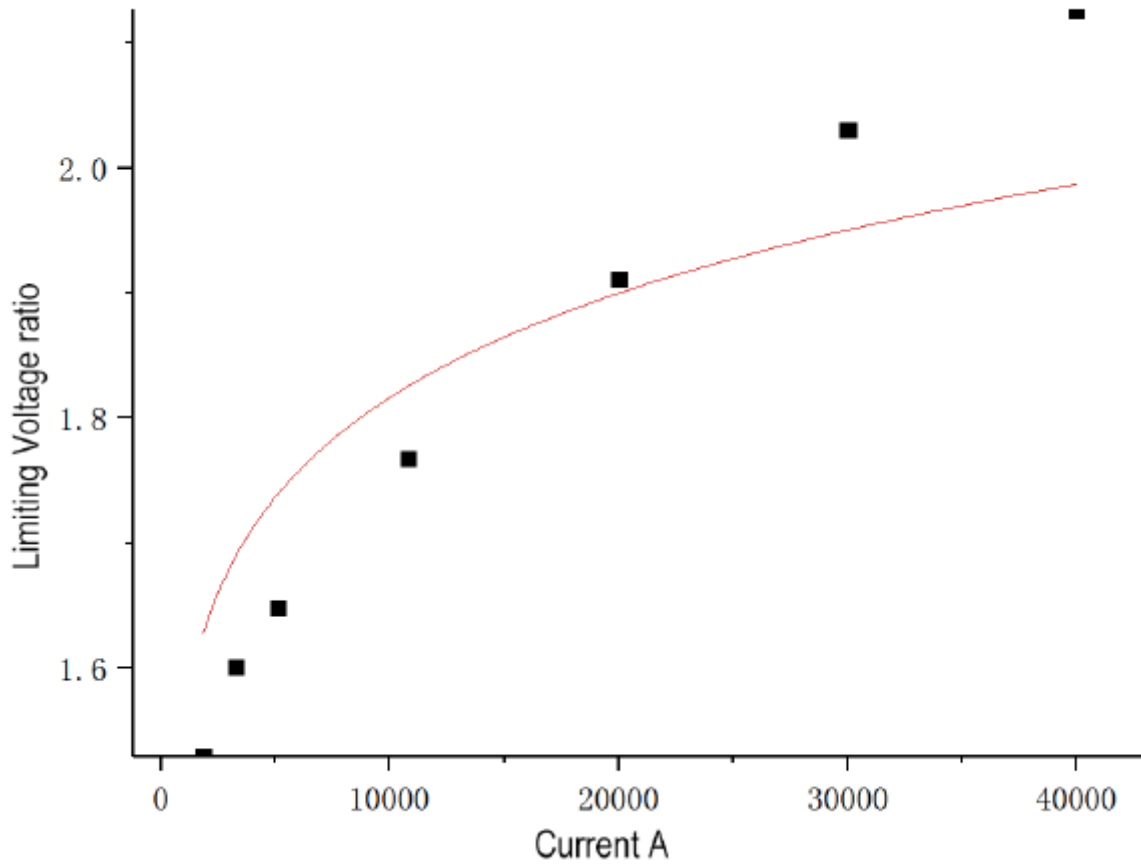
Technical Features

Part No.	MDE-70D162K
Maximum voltage protection level	<6kV@50kA
Maximum Allowable AC Voltage	1000V
Maximum Allowable DC Voltage	1320V
Varistor Voltage	1440~1760 V1mA
Maximum DC Leakage Current	≤ 15 μA
Nonlinear exponent	≥22
Max. discharge current(8/20) I _{max} x 1 time	100kA
D(Max)	75mm
H(Max)	80mm
E	25.4 ± 0.5mm
T(Max)	11mm
K(Max)	3.2mm

Packing method

6pcs/box 20box/carton

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70D-162K 8/20 Limiting Voltage ratio Curves

Measured value		Calculated value				
Current A I, A	Clamp V U, V	R=U/I Ω	Log R	Log I	(log I) ²	(Clamp Voltage/V _{I_{ma}}) U/1609
1840	2460	1.3370	0.1261	3.2648	10.659	1.5289
3280	2575	0.7851	-0.1051	3.5159	12.362	1.6004
5120	2652	0.5180	-0.2857	3.7093	13.759	1.6482
10800	2844	0.2633	-0.5795	4.0334	16.258	1.7676
20000	3075	0.1538	-0.8132	4.3010	18.499	1.9111
30000	3267	0.1089	-0.9630	4.4771	20.044	2.0305
40000	3421	0.0855	-1.0679	4.6021	21.179	2.1262

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sample	MDE-70D162K	
No.	V1ma (V)	Leakage info (uA)
1#	1606	1.0
2#	1627	1.4
3#	1627	1.1
4#	1637	1.0
5#	1622	1.4
6#	1616	1.1