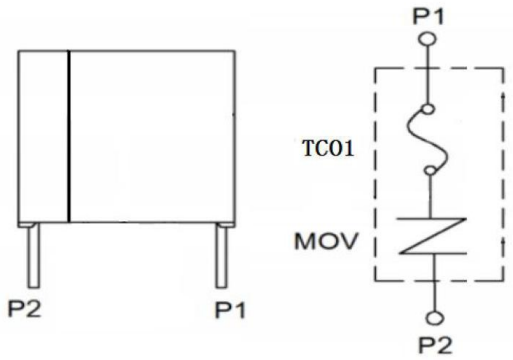
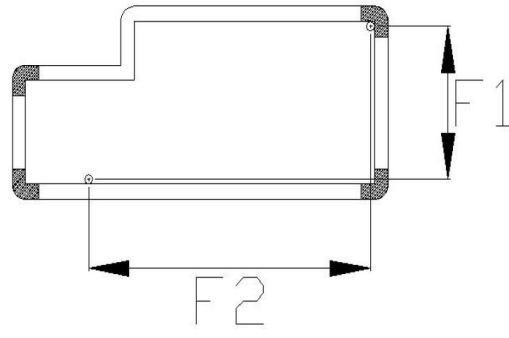
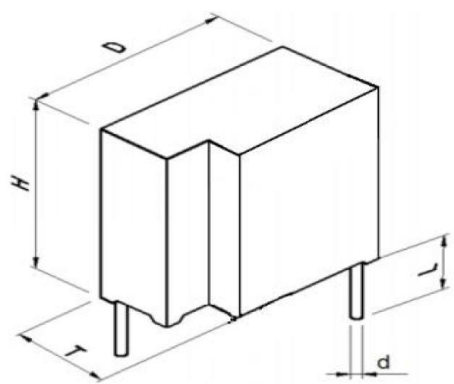




# Dongguan Uchi Electronics Co.,Ltd.

## TFMOV Varistor 15S431K PRODUCT SPECIFICATION

### 1.Dimension : unit(mm)

		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>D</td><td>17.0±1.0</td></tr> <tr><td>H</td><td>18.0±1.0</td></tr> <tr><td>T</td><td>10.2±1.0</td></tr> <tr><td>L</td><td>7.0±1.0</td></tr> <tr><td>d</td><td>0.9±1.0</td></tr> <tr><td>F1</td><td>8.0±1.0</td></tr> <tr><td>F2</td><td>14.5±1.0</td></tr> <tr><td>Lead wire</td><td>Copper</td></tr> <tr><td>TC01</td><td>10A/135°C</td></tr> <tr><td>Coating</td><td>White Epoxy</td></tr> <tr><td>Casing</td><td>White gluey</td></tr> </table>	D	17.0±1.0	H	18.0±1.0	T	10.2±1.0	L	7.0±1.0	d	0.9±1.0	F1	8.0±1.0	F2	14.5±1.0	Lead wire	Copper	TC01	10A/135°C	Coating	White Epoxy	Casing	White gluey
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### 2.Electrical Performances

2.1	Max. continuous operating voltage	AC:275V DC: 350V	Inspection
2.2	Varistor voltage	387~473 V	V1mA
2.3	Rated power	1.0 Watt	
2.4	Max. clamping voltage	IP: 50A Vc: 745V	8/20µs
2.5	Surge current	In 5KA In 7.5KA Imax 10KA	8/20µs 1. 5KA 2 times, every 60secs. 2. Impulse finished, rest 30mins 3. 5KA 5 times, rest 25mins, 3 cycles 4. 5KA/7.5KA/10KA 25mins rest
2.6	Max. energy	115 J	10/1000 µs
2.7	Typical capacitance	460 pF	@1KHz
2.8	Leakage current	≅ 20µA	(80% of V1mA (DC))
2.9	Max. Change ratio after impulse	≅ ±15%(V1mA)	8/20µs
2.10	Operating temperature	-40°C ~ +85°C	
2.11	Storage temperature	-55°C ~ +85°C	