

# Vatronics Technologies Limited

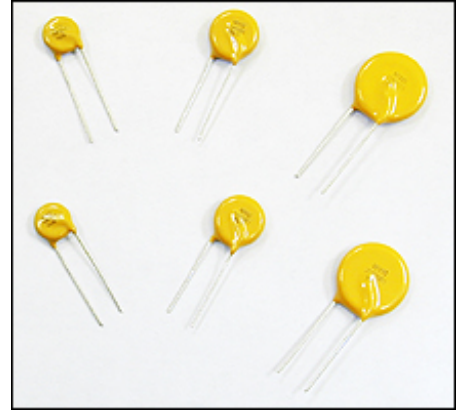
## Vatronics MYG GENERAL PURPOSE VARISTORS

### Features

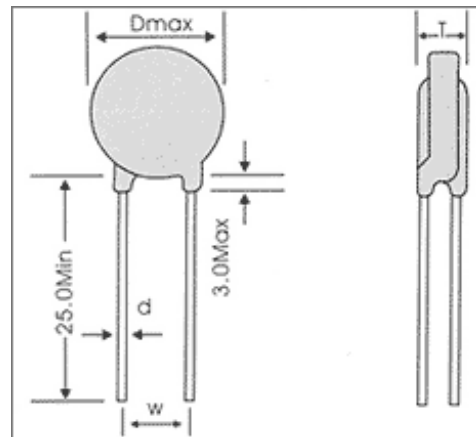
- Small size,large peak current and high energy
  - Insulated coating with epoxy
  - Element diameter with 5,7,10,14,20mm
  - With safety approval UL1449(E191293) for spec.
- of MYG05,07,10,14,20 (range of varistor voltage from 82v~1800v)

### Applications

- Transistor,diode,IC,thyristor or triac semiconductor protection.
- Surge protection in consumer electronics
- Surge protection in industrial electronics
- Surge protection in electronic home appliances, gas and petroleum appliances
- Electrostatic discharge and noise spike suppression
- Relay and electromagnetic valve surge absorption
- Surge protection in communication, measuring or controller electronics



### Dimension(unit:mm)



Specification	Dmax	d(±0.02)	W(±1.0)	Tmax
05	7.5	0.6	5.0	6.0
07	9.0	0.6	5.0	6.0
10	13.5	0.8	7.5	8.0
14	17.0	0.8	7.5	8.0
20	23.5	1.0	10.0	12.0

# Vatronics Part Number System

MYG 14 K 471

(1) (2) (3) (4)

**(1)Product Type:**

General Varistor

**(3)Tolerance**

K=+/-10%

**(2)Diameter(mm)**

14=14mm

**(4)Nominal Varsitor Voltage at 1mA DC**

The First two digits are significant figures, the third digit denotes the number of zeros following 471=470V

Datasheet:

Varistor Voltage (V)	Rated Voltage (V)		Clamping Voltage (V)		Energy (J/2ms)				
	ACrms	DC	05	07-20	05	07	10	14	20
18	11	14	40	36	0.4	0.9	2.2	4.3	12
22	14	18	48	43	0.5	1.1	2.6	5.3	14
27	17	22	60	53	0.7	1.3	3.2	6.5	17
33	20	26	73	65	0.8	1.6	4.0	7.9	21
39	25	31	86	77	0.9	1.9	4.7	9.4	25
47	30	38	104	93	1.1	2.3	5.6	11	30
56	35	45	123	110	1.3	2.7	6.7	13	26
68	40	56	150	135	1.6	3.3	8.2	16	44
82	50	65	145	135	2.5	5	10	20	40
100	60	85	175	165	3.0	6	12	25	50
120	75	100	210	200	3.5	7	14.5	30	60
150	95	125	260	250	4.5	9	18	37.5	75
180	115	150	312	300	5.4	10.8	21	45	90
200	130	170	355	340	6.0	12.5	25	50	100
220	140	180	380	360	6.5	13.5	27.5	55	110
240	150	200	415	395	7.5	15	30	60	120
270	175	225	475	455	8	17	35	70	135

300	195	250	525	505	8.8	18	39	78	150
330	210	270	570	545	9.5	20	42	80	160
360	230	300	620	595	11	23	45	90	180
390	250	320	675	650	12	25	50	100	195
430	275	350	745	710	13.5	27.5	55	110	215
470	300	385	810	775	15	30	60	125	250
510	320	410	--	845	--	32	67	136	273
560	350	450	--	930	--	35	73	149	298
620	385	505	--	1205	--	--	67	136	273
680	420	560	--	1120	--	--	67	136	273
750	460	615	--	1240	--	--	70	150	300
820	510	670	--	1355	--	--	80	165	325
910	550	745	--	1500	--	--	90	180	360
1000	625	825	--	1650	--	--	100	200	400
1100	680	895	--	1815	--	--	110	220	440
1800	1000	1465	--	2970	--	--	183	360	720

***Vatronics Technologies Limited***

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