



E 221616

ZINC OXIDE VARISTOR LIGHTNING PROTECTION

■ PART NUMBER CODE

T V R 3 4 K Q

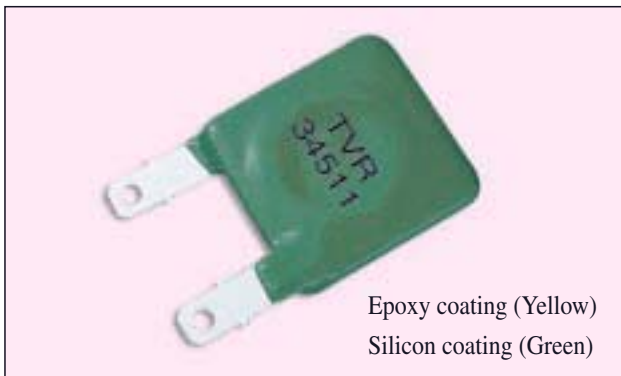
Type Code

Voltage Tolerance

Nominal Varistor Voltage

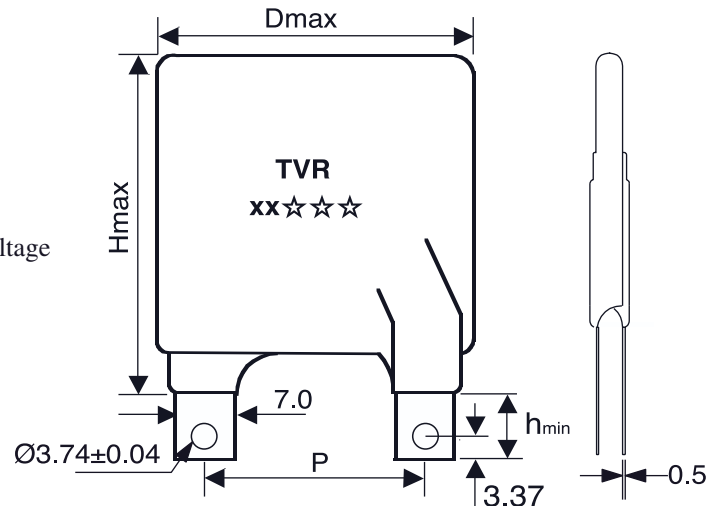
34x34 Square Disc

Thinking Varistor



Epoxy coating (Yellow)
Silicon coating (Green)

■ CONFIGURATION AND DIMENSION



XX ----- DIA.

☆☆☆ ----- Varistor Voltage

Unit:mm

Disc Ø	Dmax	Hmax	hmin	P±0.5
34	38	43	10	25

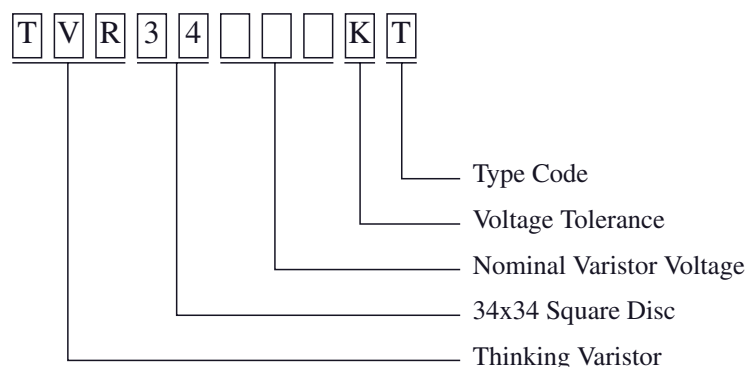
Part Number	Normal Varistor Voltage V _{1mA} (V)	Max.Allowable voltage		Max.Peak Current(8/20μs)		Max. Energy 2ms (J)	Rated Power (W)	Max. Clamping Voltage	Typical Capacitance @1KHZ (PF)
		AC _{rms}	DC	1time	2times			V _{300A}	
		(V)	(V)	(A)	(A)			(V)	
TVR34201KQ	200	130	170	40,000	30,000	310	1.4	340	5600
TVR34221KQ	220	140	180	40,000	30,000	340	1.4	360	5000
TVR34241KQ	240	150	200	40,000	30,000	360	1.4	395	4800
TVR34271KQ	270	175	225	40,000	30,000	400	1.4	455	4100
TVR34361KQ	360	230	300	40,000	30,000	460	1.4	595	3200
TVR34391KQ	390	250	320	40,000	30,000	490	1.4	650	2800
TVR34431KQ	430	275	350	40,000	30,000	550	1.4	710	2600
TVR34471KQ	470	300	385	40,000	30,000	595	1.4	775	2400
TVR34511KQ	510	320	410	40,000	30,000	640	1.4	845	2300
TVR34561KQ	560	350	450	40,000	30,000	710	1.4	930	2000
TVR34621KQ	620	385	505	40,000	30,000	800	1.4	1025	1800
TVR34681KQ	680	420	560	40,000	30,000	910	1.4	1120	1700
TVR34751KQ	750	460	615	40,000	30,000	1000	1.4	1235	1600
TVR34781KQ	780	485	640	40,000	30,000	1030	1.4	1240	1500
TVR34821KQ	820	510	670	40,000	30,000	860	1.4	1355	1400
TVR34911KQ	910	550	745	40,000	30,000	960	1.4	1500	1300
TVR34951KQ	950	575	765	40,000	30,000	1000	1.4	1570	1200
TVR34102KQ	1000	625	825	40,000	30,000	1050	1.4	1650	1100
TVR34112KQ	1100	680	895	40,000	30,000	1200	1.4	1815	1050
TVR34122KQ	1200	750	1060	40,000	30,000	1310	1.4	2000	950



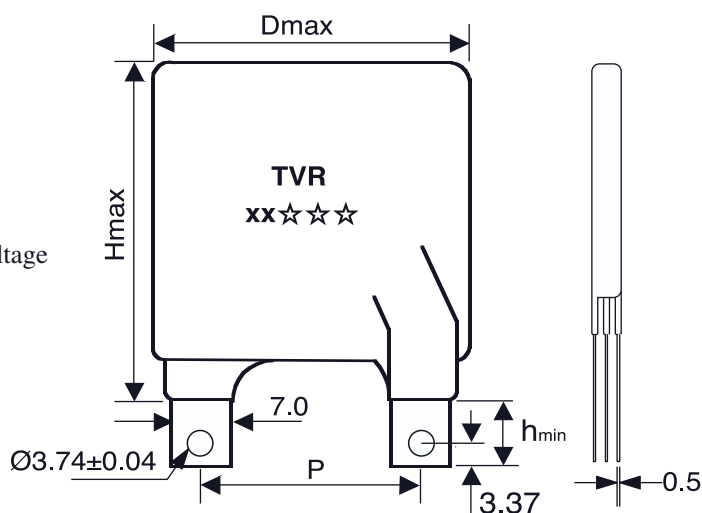
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■ CONFIGURATION AND DIMENSION



XX ----- DIA.

☆☆☆ ----- Varistor Voltage

Unit:mm

Disc Ø	Dmax	Hmax	hmin	P±0.5
34	38	43	10	25

Part Number	Normal Varistor Voltage V _{1mA} (V)	Max.Allowable voltage		Max.Peak Current(8/20µs)		Max. Energy 2ms (J)	Rated Power (W)	Max. Clamping Voltage	Typical Capacitance @1KHZ (PF)
		AC _{rms}	DC	1time	2times			V _{500A}	
		(V)	(V)	(A)	(A)			(V)	
TVR34201KT	200	130	170	70,000	40,000	410	1.6	340	14040
TVR34221KT	220	140	180	70,000	40,000	451	1.6	360	12760
TVR34241KT	240	150	200	70,000	40,000	490	1.6	395	11700
TVR34271KT	270	175	225	70,000	40,000	550	1.6	455	10400
TVR34361KT	360	230	300	70,000	40,000	730	1.6	595	7800
TVR34391KT	390	250	320	70,000	40,000	800	1.6	650	7200
TVR34431KT	430	275	350	70,000	40,000	860	1.6	710	6600
TVR34471KT	470	300	385	70,000	40,000	950	1.6	775	6100
TVR34511KT	510	320	410	70,000	40,000	1000	1.6	845	5800
TVR34561KT	560	350	450	70,000	40,000	1100	1.6	930	5100
TVR34621KT	620	385	505	70,000	40,000	1200	1.6	1025	4600
TVR34681KT	680	420	560	70,000	40,000	1500	1.6	1120	4300
TVR34751KT	750	460	615	70,000	40,000	1650	1.6	1240	4100
TVR34781KT	780	485	640	70,000	40,000	1700	1.6	1290	3800
TVR34821KT	820	510	670	70,000	40,000	1350	1.6	1355	3600
TVR34911KT	910	550	745	70,000	40,000	1500	1.6	1500	3300
TVR34951KT	950	575	765	70,000	40,000	1560	1.6	1570	3000
TVR34102KT	1000	625	825	70,000	40,000	1650	1.6	1650	2900
TVR34112KT	1100	680	895	70,000	40,000	1800	1.6	1815	2700
TVR34122KT	1200	750	1060	70,000	40,000	2000	1.6	2000	2500

Note: The two terminals at the same side of the products must be connected together in applications.