

VZ34 Dual - Series Electrical Characteristics

Part Number	Continuous Rated Voltage*		Rated Single Pulse Transient		Varistor Voltage @1mA DC*		Maximum Clamping Voltage @Test Current 8/20µs		Typical Capacitance @1KHZ 25°C**
	AC RMS Volts	DC Volts	Energy*	Peak***	Min Volts	Max Volts	Volts*	Amps	pF
			10/1000µs Joules	8/20µs KAmps 1 time					
VZ34R201 □□□	130	175	310	40	185	225	340	300	7900
VZ34R221 □□□	140	180	330	40	198	242	360	300	7200
VZ34R241 □□□	150	200	360	40	216	264	395	300	6600
VZ34R271 □□□	180	230	390	40	255	311	455	300	5600
VZ34R301 □□□	195	250	405	40	270	330	505	300	5200
VZ34R331 □□□	210	275	430	40	297	363	540	300	4800
VZ34R361 □□□	230	300	460	40	324	396	595	300	4400
VZ34R391 □□□	250	330	490	40	351	429	650	300	4100
VZ34R431 □□□	275	370	550	40	387	473	710	300	3800
VZ34R471 □□□	300	385	600	40	423	517	775	300	3400
VZ34R511 □□□	320	420	640	40	459	561	840	300	3200
VZ34R561 □□□	360	470	710	40	522	638	910	300	2700
VZ34R621 □□□	390	505	800	40	558	682	1025	300	2600
VZ34R681 □□□	420	560	910	40	612	748	1120	300	2400
VZ34R751 □□□	460	615	980	40	675	825	1240	300	2200
VZ34R781 □□□	485	640	1020	40	702	858	1290	300	2100
VZ34R821 □□□	510	675	1100	40	738	902	1355	300	2000
VZ34R911 □□□	550	745	1150	40	819	1001	1500	300	1800
VZ34R951 □□□	575	765	1200	40	855	1045	1570	300	1700
VZ34R102 □□□	625	825	1250	40	900	1100	1650	300	1600
VZ34R112 □□□	680	895	1350	40	962	1175	1815	300	1500
VZ34R122 □□□	750	970	1450	40	1062	1300	1980	300	1300

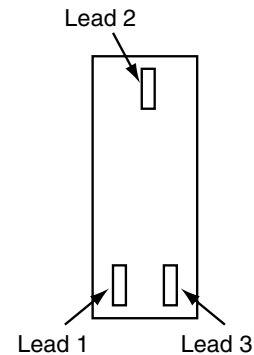
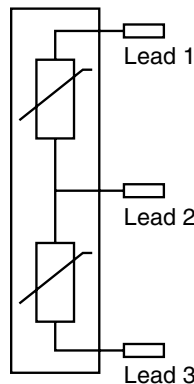
□□□ - Part Number Suffix Code
(ie: VZ34R201KD)

- **KD** - Straight Lead
- **KDQ** - 90° Bend Lead

UL 1449 Recognized (File # E196885)
CSA 22.2 #1 certified (File # 227006).

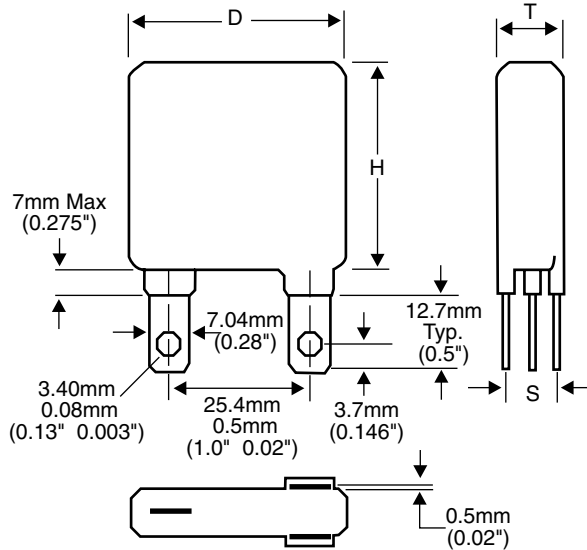
- * For leads 1-3, double published rating
- ** For leads 1-3, 50% of published rating
- *** If leads 1-3 are shorted together, then the energy between 2 and (1+3) will be double the rating.

Termination

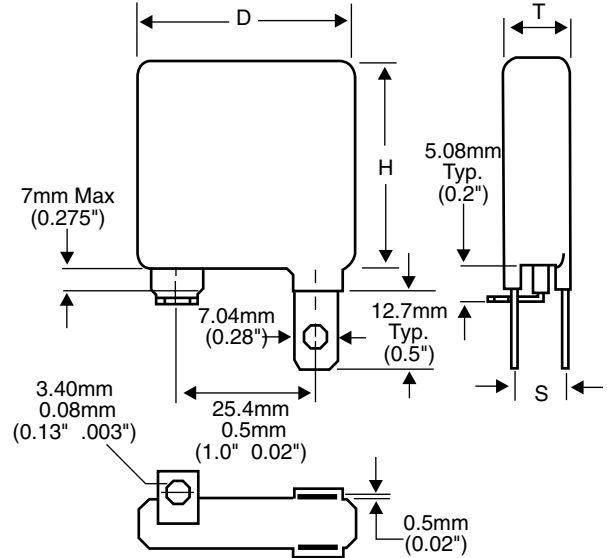


VZ34 Dual - Series Dimensions

Straight Leads Part Number Suffix "KD"



90° Bend Leads Part Number Suffix "KDQ"



Part Number	D max.	H max.	T max.	S
VZ34R201 □□□	42 (1.65)	42 (1.65)	9.1 (.36)	4.1±1.0 (.16±0.04)
VZ34R221 □□□			9.2 (.36)	4.2±1.0 (.17±0.04)
VZ34R241 □□□			9.3 (.37)	4.6±1.0 (.18±0.04)
VZ34R271 □□□			9.5 (.37)	4.8±1.0 (.19±0.04)
VZ34R301 □□□			10.5 (.41)	5.2±1.0 (.20±0.04)
VZ34R331 □□□			11.3 (.44)	5.4±1.0 (.21±0.04)
VZ34R361 □□□			11.5 (.45)	5.8±1.0 (.23±0.04)
VZ34R391 □□□			11.6 (.46)	6.2±1.0 (.24±0.04)
VZ34R431 □□□			11.9 (.47)	6.5±1.0 (.26±0.04)
VZ34R471 □□□			12.8 (.50)	6.9±1.0 (.27±0.04)
VZ34R511 □□□			13.1 (.52)	7.2±1.0 (.28±0.04)
VZ34R621 □□□			13.6 (.54)	8.2±1.0 (.32±0.04)
VZ34R681 □□□			13.9 (.55)	8.8±1.0 (.35±0.04)
VZ34R751 □□□			15.1 (.59)	9.3±1.0 (.37±0.04)
VZ34R781 □□□			15.3 (.60)	9.6±1.0 (.38±0.04)
VZ34R821 □□□			15.5 (.61)	10.1±1.0 (.40±0.04)
VZ34R911 □□□			17.0 (.67)	11.1±1.0 (.44±0.04)
VZ34R951 □□□			17.2 (.68)	11.3±1.0 (.44±0.04)
VZ34R102 □□□			18.0 (.71)	11.8±1.0 (.46±0.04)
VZ34R112 □□□			18.6 (.73)	13.0±1.0 (.51±0.04)