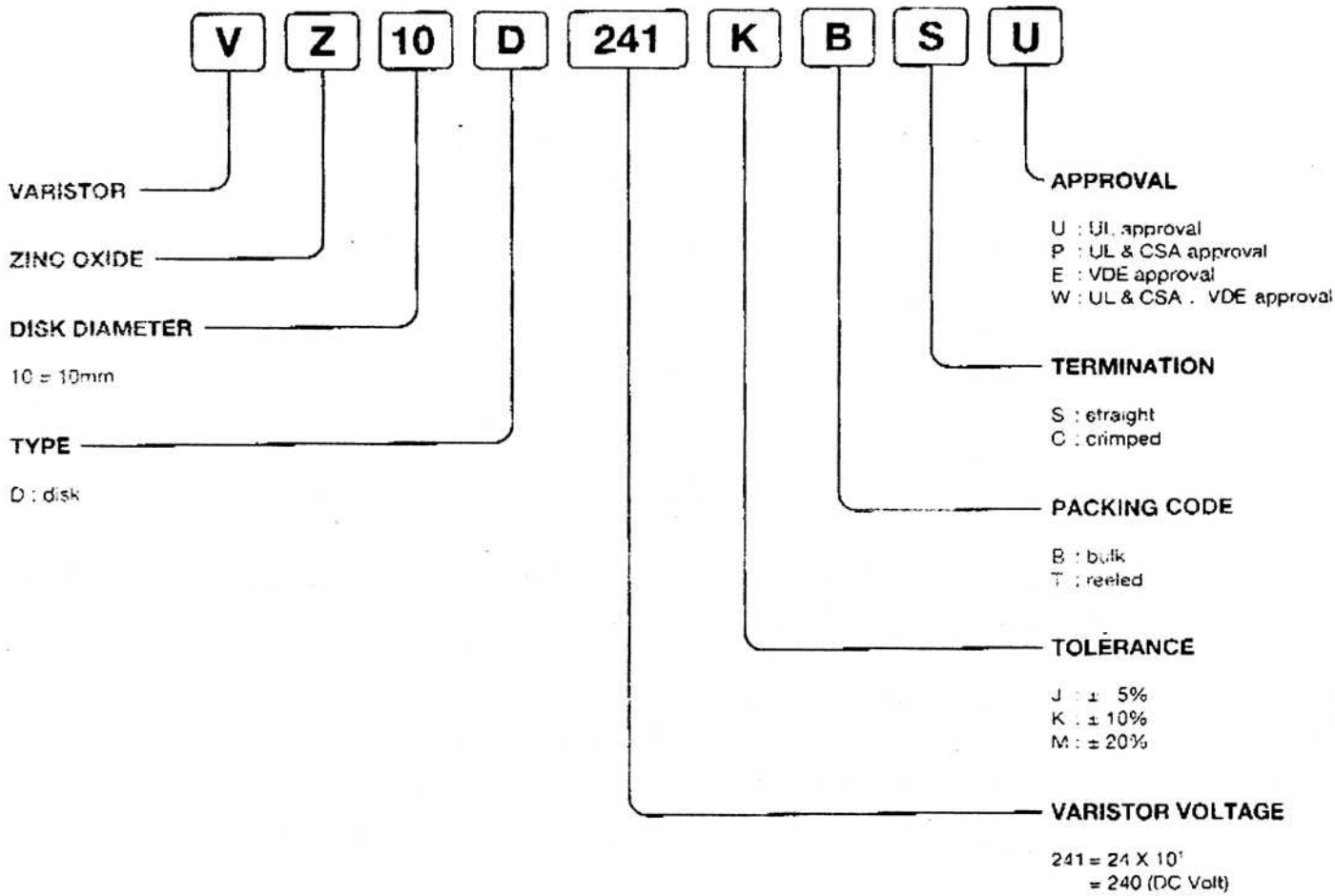


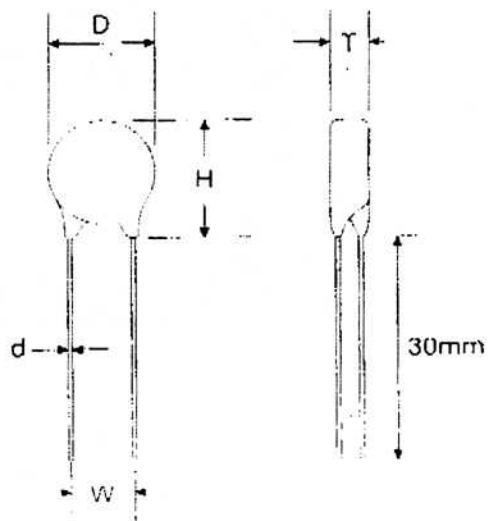
# SINCERA VARISTOR PART NUMBER CODE HOW TO ORDER



## DIMENSIONS

Series	5Ø	7Ø	10Ø	14Ø	20Ø
D <sub>max</sub>	7.0	9.0	14.0	17.5	24.0
d*	0.6	0.6	0.8	0.8	1.0
W**	5.0	5.0	7.5	7.5	10.0
H <sub>max</sub>	10.0	12.0	17.0	20.5	28.0
T <sub>max</sub>	4.9	4.9	8.5	8.5	9.0

\* ±0.02  
\*\* ±1.0  
(Unit in mm)



VARISTORS

WALSLEY

## SINCERA VARISTOR - 140

Part Number	Maximum Allowable Voltage		Varistor* Voltage ( $\pm 10\%$ )	Withstanding Surge Current (8/20 $\mu$ S)	Max. Clamping Voltage (8/20 $\mu$ S)		Max. Energy (2mS)	Rated Transient Average Power Dissipation	Typical Capacitance
	ACrms	DC			Vc	Ip			
	Volts	Volts	Volts	1 time Amps	Volts	Amps	Joules	W	@1kHz PF
VZ14D180KBS □	11	14	18	1000	36	10	3.5	0.1	18000
VZ14D220KBS □	14	18	22	1000	43	10	4.0	0.1	15000
VZ14D270KBS □	17	22	27	1000	53	10	5.0	0.1	10000
VZ14D330KBS □	20	26	33	1000	65	10	6.0	0.1	8500
VZ14D390KBS □	25	31	39	1000	77	10	7.0	0.1	7500
VZ14D470KBS □	30	38	47	1000	93	10	8.5	0.1	6500
VZ14D560KBS □	35	45	56	1000	110	10	10.0	0.1	5600
VZ14D680KBS □	40	56	68	1000	135	10	12.0	0.1	4700
VZ14D820KBS □	50	65	82	4500	135	50	15.0	0.6	3900
VZ14D101KBS □	60	85	100	4500	165	50	20.0	0.6	3400
VZ14D121KBS □	75	100	120	4500	200	50	22.0	0.6	3100
VZ14D151KBS □	95	125	150	4500	250	50	30.0	0.6	2700
VZ14D181KBS □	115	150	180	4500	300	50	33	0.6	1570
VZ14D201KBS □	130	170	200	4500	340	50	38	0.6	1320
VZ14D221KBS □	140	180	220	4500	360	50	40	0.6	1200
VZ14D241KBS □	150	200	240	4500	395	50	45	0.6	1110
VZ14D271KBS □	175	225	270	4500	455	50	52	0.6	1000
VZ14D301KBS □	195	250	300	4500	505	50	56	0.6	900
VZ14D331KBS □	210	275	330	4500	550	50	65	0.6	835
VZ14D361KBS □	230	300	360	4500	595	50	70	0.6	765
VZ14D391KBS □	250	320	390	4500	650	50	72	0.6	705
VZ14D431KBS □	275	350	430	4500	710	50	75	0.6	630
VZ14D471KBS □	300	385	470	4500	775	50	80	0.6	590
VZ14D561KBS □	350	460	560	4500	920	50	85	0.6	500
VZ14D621KBS □	385	505	620	4500	1025	50	88	0.6	290
VZ14D681KBS □	420	560	680	4500	1120	50	90	0.6	260
VZ14D751KBS □	460	615	750	4500	1240	50	100	0.6	230
VZ14D781KBS □	485	640	780	4500	1290	50	105	0.6	230
VZ14D821KBS □	510	670	820	4500	1355	50	110	0.6	200
VZ14D911KBS □	550	745	910	4500	1500	50	120	0.6	180
VZ14D102KBS □	625	825	1000	4500	1650	50	130	0.6	150
VZ14D112KBS □	680	895	1100	4500	1815	50	140	0.6	150

• Operating Temperature Range: -40 to 85°C

• Storage Temperature Range: -40 to 125°C

• U.L. CUL recognized (E172311, E182365)

\* Varistor Voltage: 140 series measured at 1mA DC test current