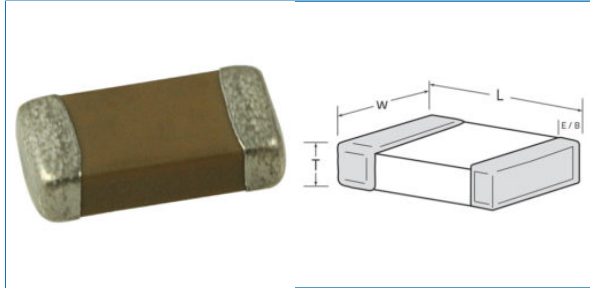


C1808C0G302-331KNE Datasheet

High Voltage Ceramic Capacitors (HVC Series)
 HV Chip Capacitor, 1808, C0G, 3000V, 330pF, 10%



VENKEL LTD.



SIZE SPECIFICATIONS unit: inches (mm)	
Length:	.180 ± .012
Width:	.080 ± .008
Thickness:	See HVC Series Datasheet
Min E/B:	0.02
Size(EIA):	1808

COMPONENT SPECIFICATIONS	
Category:	Ceramic Capacitors
Series:	High Voltage Ceramic Capacitors (HVC Series)
Size:	1808
Dielectric:	C0G
Voltage:	3000V
Capacitance:	330pF
Tolerance:	10%
Termination:	N - 100% Matte Tin over Nickel
Packaging	E
Quantity per Reel:	2000

DIELECTRIC SPECIFICATIONS	
Temperature Coefficient:	0 ±30PPM/°C
Temperature Voltage Coefficient:	0 ±30PPM/°C
Ageing:	None
Withstanding Voltage	2.5 times VDCW
Operating Temp:	-55C to +125C
Dissipation Factor:	0.1% max

COMPLIANCE STATUS	
RoHS Status:	6 of 6 Compliant
REACH Status:	5900 Shepherd Mountain Cove Austin, TX 78730 USA Compliant
Halogen Status:	Halogen Free
Conflict Mineral Status:	Conflict Mineral Free
Moisture Sensitivity Level:	1

REEL DIMENSIONS units: mm								
Tape	B min	C	A(7")	A(13")	D Min	N Min	G	T max
	0.3	13 ± .05	178 ± 2.0	330 ± 2.0	20.2	50	10 ± 1.5	14.9

TAPING SPECIFICATIONS units: mm					
A	B	W	F	E	Po
2.5 ± 0.2	4.9 ± 0.2	12.0 ± 0.3	1.75 ± 0.1	5.5 ± .0.1	4.0 ± 0.1
Pz	D	T	P	To	T(E)
2.0 ± 0.05	1.5 + 0.1 - 0.0	0.60 MAX	4.0 ± 0.1	4.0 MAX	