

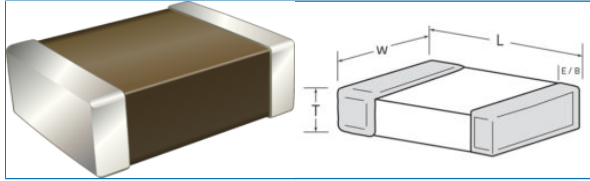
# C1210Y5V500-106ZNE Datasheet

General Purpose Ceramic Capacitors (C Series)

Chip Capacitor, 1210, Y5V, 50V, 10uF, +80-20%



VENKEL LTD.



SIZE SPECIFICATIONS unit: inches (mm)	
Length:	0.126 ± 0.0157 (3.2 ± 0.40)
Width:	0.098 ± 0.012 (2.50 ± 0.30)
Thickness:	See C Series Datasheet
Min E/B:	.020 ± .01 (0.508 ± 0.254)
Size(EIA):	1210

COMPONENT SPECIFICATIONS	
Category:	Ceramic Capacitors
Series:	General Purpose Ceramic Capacitors (C Series)
Size:	1210
Dielectric:	Y5V
Voltage:	50V
Capacitance:	10uF
Tolerance:	+80-20%
Termination:	N - 100% Matte Tin over Nickel
Packaging	E
Quantity per Reel:	1000

DIELECTRIC SPECIFICATIONS	
Temperature Coefficient:	+22% - 82%ppm MAX
Temperature Voltage Coefficient:	Y5V not applicable
Ageing:	7% per decade hour, typical
Withstanding Voltage	2.5 times VDCW
Operating Temp:	-30C to +85C
Dissipation Factor:	See C Series Datasheet

COMPLIANCE STATUS	
RoHS Status:	6 of 6 Compliant
REACH Status:	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	T max
8mm	0.3	13 ± .05	178 ± 2.0	330 ± 2.0	20.2	10 ± 1.5	14.9

TAPING SPECIFICATIONS units: mm					
A	B	W	F	E	Po
2.9 ± 0.2	3.6 ± 0.2	8.0 ± 0.2	1.75 ± 0.1	3.5 ± 0.1	4.0 ± 0.1
Pz	D	T	P	To	T(E)
2.0 ± 0.05 - 0.0	1.5 + 0.1 - 0.0		4.0 ± 0.1	2.5 MAX	0.6 MAX

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