

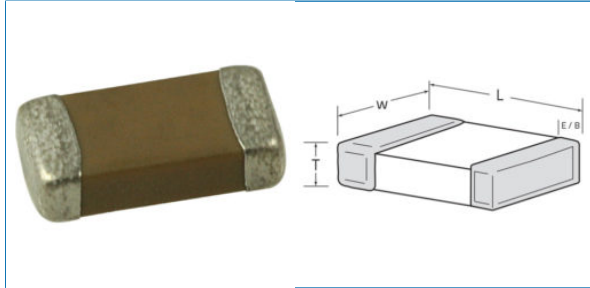
C0201X5R6R3-104KNP Datasheet

General Purpose Ceramic Capacitors (C Series)

Chip Capacitor, 0201, X5R, 6.3V, 0.1µF, 10%



VENKEL LTD.



SIZE SPECIFICATIONS unit: inches (mm)	
Length:	0.024 ± 0.002 (0.6 ± 0.05)
Width:	0.012 ± 0.002 (0.3 ± 0.05)
Thickness:	0.0119±0.0012 (0.3±0.03)
Min E/B:	0.002 (min.) (0.20)
Size(EIA):	0201

COMPONENT SPECIFICATIONS	
Category:	Ceramic Capacitors
Series:	General Purpose Ceramic Capacitors (C Series)
Size:	0201
Dielectric:	X5R
Voltage:	6.3V
Capacitance:	0.1µF
Tolerance:	10%
Termination:	N - 100% Matte Tin over Nickel
Packaging	P
Quantity per Reel:	15000

DIELECTRIC SPECIFICATIONS	
Temperature Coefficient:	0 ±15%ppm/°C MAX
Temperature Voltage Coefficient:	X5R not applicable
Ageing:	2.5% per decade hour, typical
Withstanding Voltage	2.5 times VDCW
Operating Temp:	-55C to +85C
Dissipation Factor:	See C Series Datasheet

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
8mm	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
0.37 ± 0.05	0.67 ± 0.05	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	1.15 MAX	2.0 ± 0.05		