

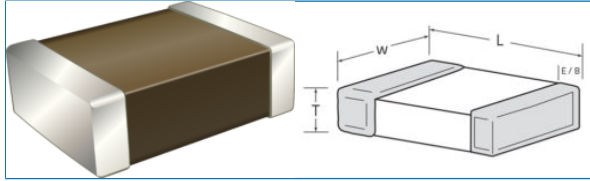
C1812X5R250-226MNP Datasheet

General Purpose Ceramic Capacitors (C Series)

Chip Capacitor, 1812, X5R, 25V, 22uF, 20%



VENKEL LTD.



SIZE SPECIFICATIONS unit: inches (mm)	
Length:	0.177 ± 0.012 (4.495 ± 0.30)
Width:	0.126 ± 0.012 (3.20 ± 0.30)
Thickness:	See C Series Datasheet
Min E/B:	.024 ± .015 (0.6096 ± 0.381)
Size(EIA):	1812

COMPONENT SPECIFICATIONS	
Category:	Ceramic Capacitors
Series:	General Purpose Ceramic Capacitors (C Series)
Size:	1812
Dielectric:	X5R
Voltage:	25V
Capacitance:	22uF
Tolerance:	20%
Termination:	N - 100% Matte Tin over Nickel
Packaging	P
Quantity per Reel:	500

DIELECTRIC SPECIFICATIONS	
Temperature Coefficient:	±15% to 0 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:	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
12mm	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
3.6 ± 0.2	4.9 ± 0.2	12.0 ± 0.3	1.75 ± 0.1	5.6 ± 0.1	4.0 ± 0.1
Pz	D	T	P	To	T(E)
2.0 ± 0.05 - 0.0	1.5 + 0.1		8.0 ± 0.1	3.8 MAX	0.6 MAX

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