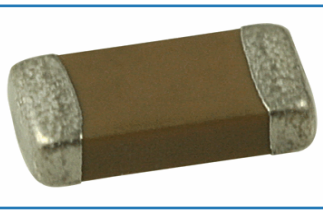
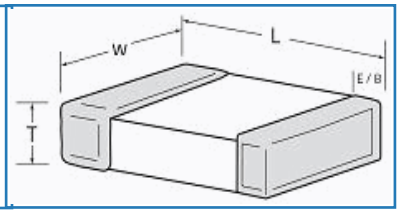
DATASHEET
C0805C0G500-150KNP

GENERAL PURPOSE CERAMIC CAPACITORS (C SERIES)

0805, C0G, 50V, 15pF, ±10%, 100% matte Tin(Sn) over Nickel

VENKEL LTD.





SIZE SPECIFICATIONS units: inches

Length:	0.080
Width:	0.050
T(max):	0.055
Min E/B:	.02 ± .01
Size(EIA):	0805

COMPONENT SPECIFICATIONS

Category:	Ceramic Capacitors
Series:	General Purpose (C Series)
Size:	0805
Dielectric:	C0G
Voltage:	50V
Capacitance:	15pF
Tolerance:	±10%
Termination:	100% matte Tin(Sn) over Nickel
Packaging:	Paper Tape (7" Reel)
Quantity per Reel:	4,000

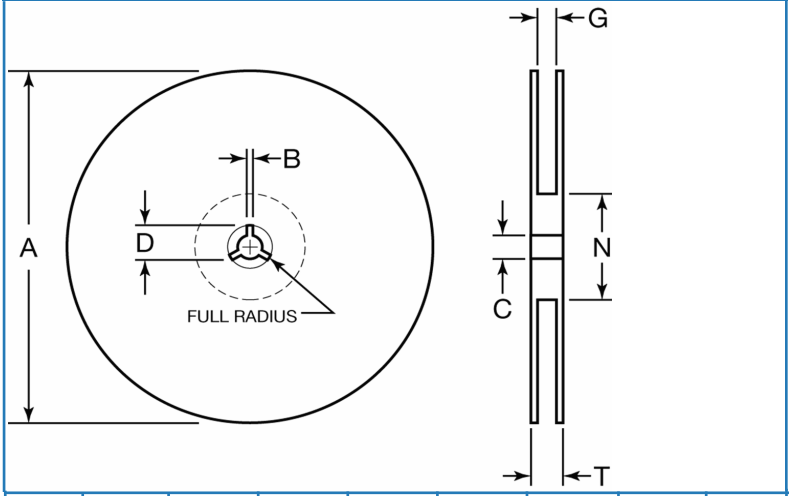
DIELECTRIC SPECIFICATIONS

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

COMPLIANCE STATUS

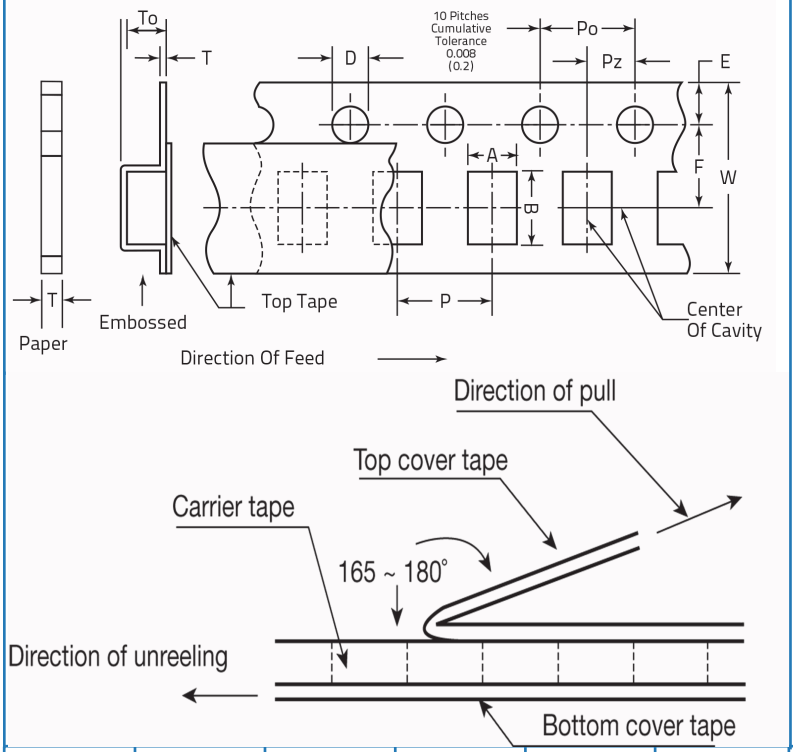
RoHS Status	6 of 6 Compliant
REACH Status	Compliant
Halogen Status	Halogen Free
Conflict Mineral Status	Conflict Mineral Free

REEL DIMENSIONS units: mm



Tape	B min	C	A(7")	A(13")	D Min	N Min	G	T max
8mm	0.30	13 ± .05	178 ± 2.0	330 ± 2.0	20.20	50.00	10 ± 1.5	14.90

TAPING SPECIFICATIONS units: mm



A	B	W	F	E	Po
1.16 ± 0.2	2.4 ± 0.2	8.0 ± 0.2	3.5 ± 0.1	1.75 ± 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	4.0 ± 0.1		

(800) 950-8365

www.venkel.com

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

VENKEL:

C0201X5R6R3-333KNP-CT C0402Z5U250-103MNP-CT C0805X5R500-106KNE CR0201-20W-302JT SMAJ15CAS4-EVL C0603X7R101-182KNP-CT C0805X5R250-225KNE C0402X7R250-822KNE-CT C0603C0G250-270KNE-CT C0805X5R500-225KNE-CT C1206Y5V160-106MNE-CT CR0402-16W-3831FT C0402C0G250-271FNP CR1206-8W-1104FT C0603C0G500-390JNP-CT CR0603-16W-8250FT CR1206-4W-7153FT C0402C0G250-9R1DNP-CT C2220X7R500-106MNE C0402HQN500-150FNP C0402X5R250-104MNP-CT C0805X7R201-121MNP-CT C0805X7R501-102KNP CR0402-16W-9531FT TFCR1206-8W-E-2001BT C0402C0G500-151JNE C0603C0G500-8R2CNE-CT C0603Y5V250-104MNE-CT CTL0805FGR1T-CT C0201X5R100-474MNP