

DATASHEET

C0805C0G500-1R8CNP

GENERAL PURPOSE CERAMIC CAPACITORS (C SERIES)
0805, C0G, 50V, 1.8pF, $\pm 0.25\text{pF}$, 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 $\pm$.01
Size(EIA):	0805

COMPONENT SPECIFICATIONS

Category:	Ceramic Capacitors
Series:	General Purpose (C Series)
Size:	0805
Dielectric:	C0G
Voltage:	50V
Capacitance:	1.8pF
Tolerance:	$\pm 0.25\text{pF}$
Termination:	100% matte Tin(Sn) over Nickel
Packaging:	P
Quantity per Reel:	4,000

DIELECTRIC SPECIFICATIONS

Temperature Coefficient:	0 $\pm 30\text{PPM}/^\circ\text{C}$
Temperature Voltage Coefficient	0 $\pm 30\text{PPM}/^\circ\text{C}$
Ageing:	None
Withstanding Voltage:	2.5 times VDCW
Operating Temp:	-55 $^\circ\text{C}$ to +125 $^\circ\text{C}$
Dissipation Factor:	0.1% max

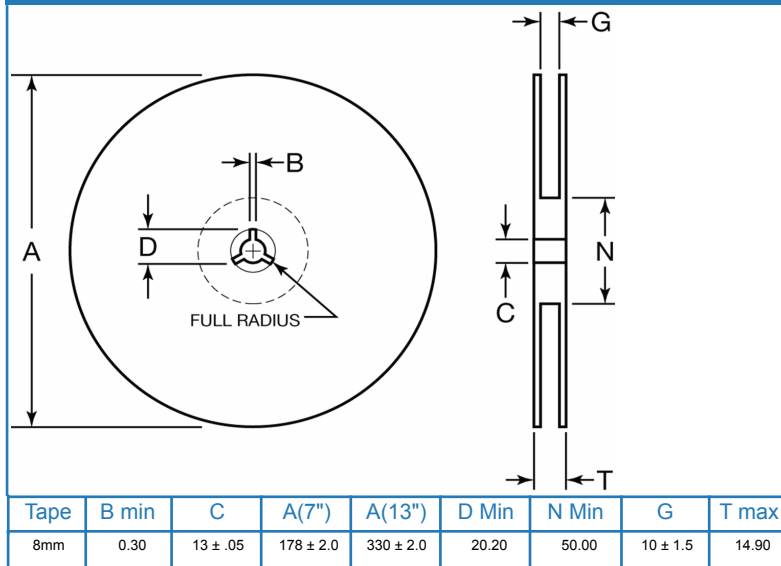
ENVIRONMENTAL INFORMATION

RoHS Status	6 of 6 Compliant
REACH Status	Compliant
Halogen Status	Halogen Free
Conflict Mineral Status	Conflict Mineral Free
Moisture Sensitivity Level	MSL1

REFLOW PROFILE

Max Reflow Temperature	260 $^\circ\text{C}$
Number of Reflow Cycles	2
Time at Max Reflow Temp.	10 sec

REEL DIMENSIONS units: mm



TAPING SPECIFICATIONS units: mm

