

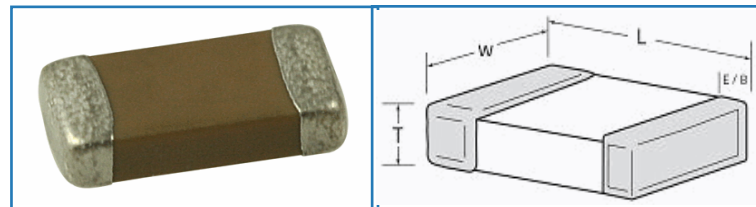
DATASHEET

C0603C0G500-5R6BNP

GENERAL PURPOSE CERAMIC CAPACITORS (C SERIES)
0603, C0G, 50V, 5.6pF, $\pm 0.1\text{pF}$, 100% matte Tin(Sn) over Nickel



VENKEL LTD.



SIZE SPECIFICATIONS units: inches

Length:	0.063
Width:	0.032
T(max):	0.033
Min E/B:	0.008
Size(EIA):	0603

COMPONENT SPECIFICATIONS

Category:	Ceramic Capacitors
Series:	General Purpose (C Series)
Size:	0603
Dielectric:	C0G
Voltage:	50V
Capacitance:	5.6pF
Tolerance:	$\pm 0.1\text{pF}$
Termination:	100% matte Tin(Sn) over Nickel
Packaging:	Paper Tape (7" Reel)
Quantity per Reel:	4,000

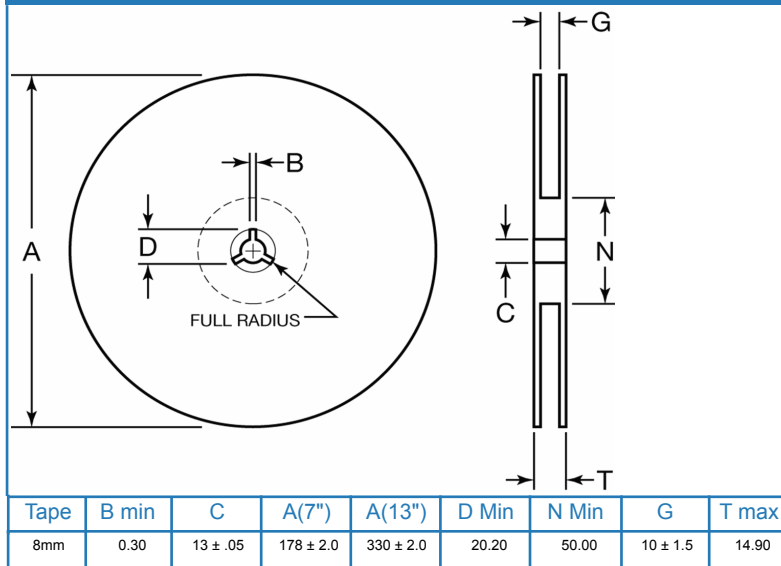
DIELECTRIC SPECIFICATIONS

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°C to $+125^\circ\text{C}$
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



TAPING SPECIFICATIONS units: mm

