

DATASHEET

C0805C0G101-271GNP

GENERAL PURPOSE CERAMIC CAPACITORS (C SERIES)
0805, C0G, 100V, 270pF, $\pm 2\%$, 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:	100V
Capacitance:	270pF
Tolerance:	$\pm 2\%$
Termination:	100% matte Tin(Sn) over Nickel
Packaging:	Paper Tape (7" Reel)
Quantity per Reel:	4,000

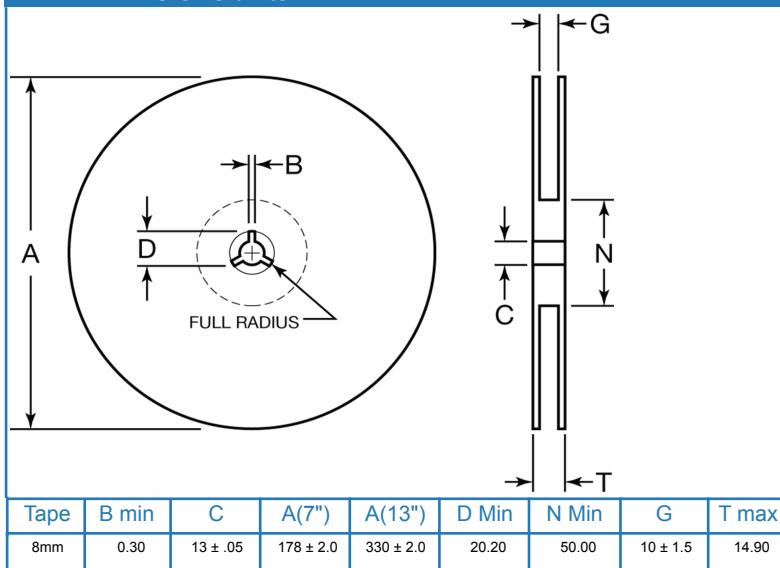
DIELECTRIC SPECIFICATIONS

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

