

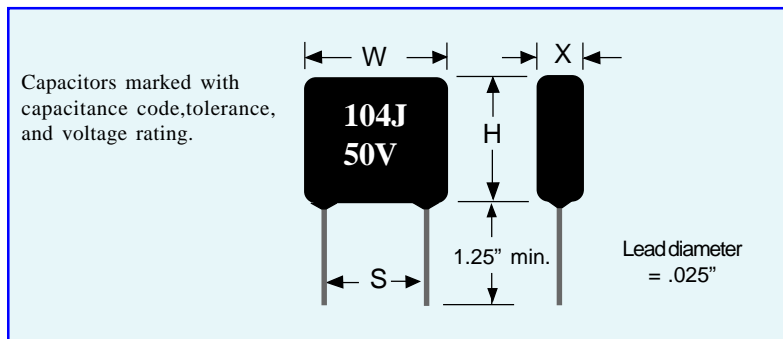
1. SCOPE

This specification covers the characteristics of size 2520, COG (200°C) dielectric, 100 nF capacitance, +/- 5% tolerance, 50 VDC rated radial leaded ceramic chip capacitors with black high temperature epoxy coating. The part is not RoHS compliant.

2. DIELECTRIC CHARACTERISTICS

Operating Temperature Range:	-55°C to +200°C
Temperature Coefficient:	0 +/- 30 ppm/°C
Dissipation Factor:	0.1% Max. @ 25°C
Insulation Resistance, 25°C:	100 Giga-Ohms or 1000 Ohm-Farads, whichever is less
Insulation Resistance, 200°C:	1 Giga-Ohms or 10 Ohm-Farads, whichever is less
Dielectric Withstanding Voltage:	125 VDC
Aging Rate:	0% per decade
Test Parameters:	1KHz, 1.0 Volts +/- 0.2 Vrms, 25°C

3. PHYSICAL DIMENSIONS (NOT SCALED)



Dimensions	W	H	X	S
Inches (mm)	.370 (9.40)	.300 (7.62)	.150 (3.81)	.280 (7.10)
+/- in (mm)	Max	Max	Max	.030 (.762)

4. PART NUMBER DESCRIPTION

2520 D 104 J 500 LG X H

2520	= Size
D	= COG (200°C) Dielectric
104	= Capacitance Code (pF): First two digits are significant, third digit denotes number of zeros
J	= Capacitance tolerance: J = +/- 5%
500	= DC Voltage Rating: First two digits are significant, third digit denotes number of zeros
LG	= Radial Leaded, Black High Temperature Epoxy Coating
X	= Overall Thickness: 0.150" Max. (3.81 mm Max.)
H	= Novacap High Temperature Screening

REVISION: A

NOVACAP P/N: 2520D104J500LGXH
CUSTOMER:
CUST. P/N:

SPEC DESIGNER _____ MK 08/02/19
SPEC MANAGER _____ MK/BN 08/02/19
ENGINEERING _____ MK/BN 08/02/19