

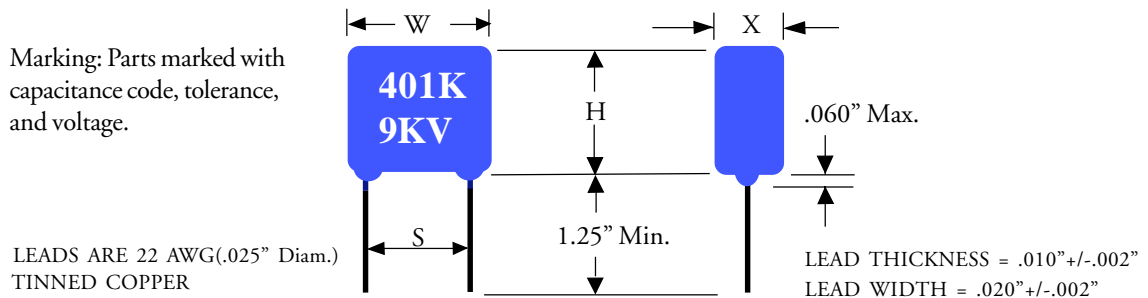
1. SCOPE

This specification covers the characteristics of size 4540, NPO dielectric, 400 pF capacitance, +/- 10% tolerance, 9000 VDC rated conformal (epoxy) coated ceramic chip capacitors with radial leads.

2. DIELECTRIC CHARACTERISTICS

Operating Temperature Range: -55°C to +125°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, 125°C: 10 Giga-Ohms or 100 Ohm-Farads, whichever is less
 Dielectric Withstanding Voltage: 10800 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)	.600 (15.2)	.550 (14.0)	.350 (8.89)	.480 (12.2)
+/- in (mm)	max	max	max	.030 (.762)

4. PART NUMBER DESCRIPTION

4540 N 401 K 902 LE X H

4540 = Size
 N = NPO Dielectric
 401 = Capacitance Code (pF): First two digits are significant, third digit denotes number of zeros
 K = Capacitance tolerance: K = +/- 10%
 902 = DC Voltage Rating: First two digits are significant, third digit denotes number of zeros
 LE = Radial Lead, Conformal Coating
 X = Overall Thickness: .350" Max. (8.89mm Max.)
 H = High Reliability Testing

REVISION: A

NOVACAP P/N: 4540N401K902LEXH
 CUSTOMER: NATIONAL INST. OF NUCLEAR PHYSICS
 CUST. P/N:

SPEC DESIGNER MK 6/21/04
 SPEC MANAGER BN 6/21/04
 ENGINEERING BN FOR FD 6/21/04