

## 1. SCOPE

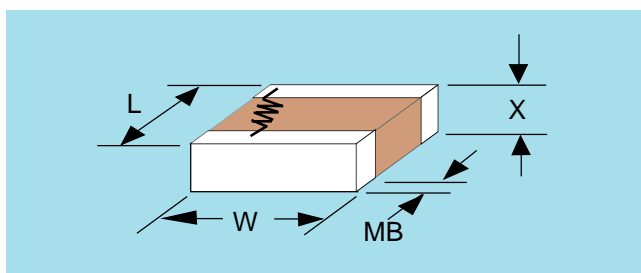
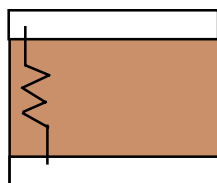
This specification covers the characteristics of the "RC" series size 3040, R2D dielectric, 150 nF capacitance, +/- 10% tolerance, 1200 VDC rated ceramic chip capacitors with palladium silver termination.

## 2. DIELECTRIC CHARACTERISTICS - R2D

Operating Temperature Range:	-55°C to +125°C
Temperature Coefficient:	+25°C to +125°C - 2200 ppm/°C +/- 500 ppm/°C
Temperature Coefficient:	+25°C to -55°C -3330 to -1700 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:	1440 VDC
Aging Rate:	0% per decade
Test Parameters:	1KHz, 1.0 Volts +/- 0.2 Vrms, 25°C

## 3. PHYSICAL DIMENSIONS ( NOT SCALED )

TOP VIEW



One 500 Megohms +/- 20% Bleed Resistor printed on the surface of the capacitor

dimensions	L	W	X	MB
inches (mm)	.300 (7.62)	.400 (10.2)	.170 (4.32)	.030 (.762)
+/- in (mm)	.015 (.381)	.020 (.508)	Max.	.015 (.381)

## 4. PART NUMBER DESCRIPTION

### RC 3040 R 154 K 122 P X170

RC	= Screen Printed Resistors on the surface of the Capacitor
3040	= Size
R	= R2D Dielectric
154	= Capacitance Code (pF): First two digits are significant, third digit denotes number of zeros
K	= Capacitance tolerance: K = +/- 10%
122	= DC Voltage Rating: First two digits are significant, third digit denotes number of zeros
P	= Termination: Palladium Silver
X170	= Special Thickness: 0.170" Max. (4.32mm Max.)

REVISION: A

NOVACAP P/N: RC3040R154K122PX170  
CUSTOMER:  
CUST. P/N:

SPEC DESIGNER MK 3/19/2020  
SPEC MANAGER MK FOR BN 3/19/2020  
ENGINEERING MK FOR BN 3/19/2020