

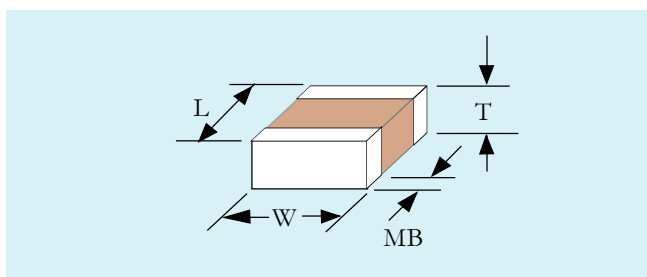
1. SCOPE

This specification covers the characteristics of size 3040, R2D dielectric, 120 nF capacitance, +/- 10% tolerance, 1500 VDC rated ceramic chip capacitors with solderable silver-palladium termination.

2. DIELECTRIC CHARACTERISTICS

Operating Temperature Range:	-55°C to +200°C
Temperature Coefficient:	- 2200 ppm/°C +/- 500 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:	1800 VDC
Aging Rate:	0% per decade
Test Parameters:	1KHz, 1.0 Volts +/- 0.2 Vrms, 25°C

3. PHYSICAL DIMENSIONS (NOT SCALED)



dimensions	L	W	T	MB
inches (mm)	.300 (7.62)	.400 (10.2)	.250 (6.35)	.030 (.762)
+/- in (mm)	.015 (.381)	.020 (.508)	max	.015 (.381)

4. PART NUMBER DESCRIPTION

3040 R124 K152 K

3040	= Size
R	= R2D Dielectric
124	= Capacitance Code (pF): First two digits are significant, third digit denotes number of zeros
K	= Capacitance tolerance: K = +/- 10%
152	= DC Voltage Rating: First two digits are significant, third digit denotes number of zeros
K	= Termination: Solderable Silver Palladium

REVISION: A

NOVACAP P/N: 3040R124K152K
CUSTOMER:
CUST.P/N:

SPEC DESIGNER MK 8/22/2022
SPEC MANAGER VL 8/22/2022
ENGINEERING VL 8/22/2022