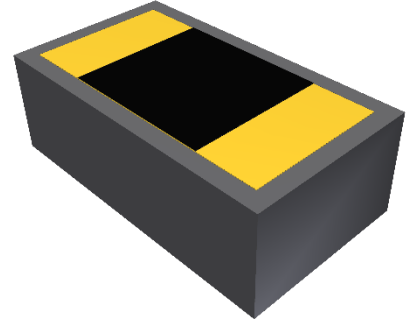


## ORDERING INFORMATION

## Part Identifier:

CR0402D X, 5  
Resistance



## SPECIFICATIONS

## 1.0 ELECTRICAL

Resistance:	40, 50, 54, 70, 80, 100, 120, 140, 162, 220, AND 240 $\Omega \pm 5\%$
Frequency Range:	DC – 30 GHz
Capacitance:	0.09 pF Typical
Input Power CW:	20 Watts
Peak Power:	200 Watts (1 $\mu$ s pulse width/1% duty cycle)

## 2.0 ENVIRONMENTAL

Operating Temperature:	-55°C to +150°C
Storage Temperature:	-55°C to +150°C

## 3.0 MARKING

Unit Marking:	None
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## 4.0 QUALITY ASSURANCE

Sample Inspect Per MIL-STD-105, Level II, 1.0% AQL.

Visual and Mechanical Inspection for Conformance to Outline Drawing

Measure DC Resistance

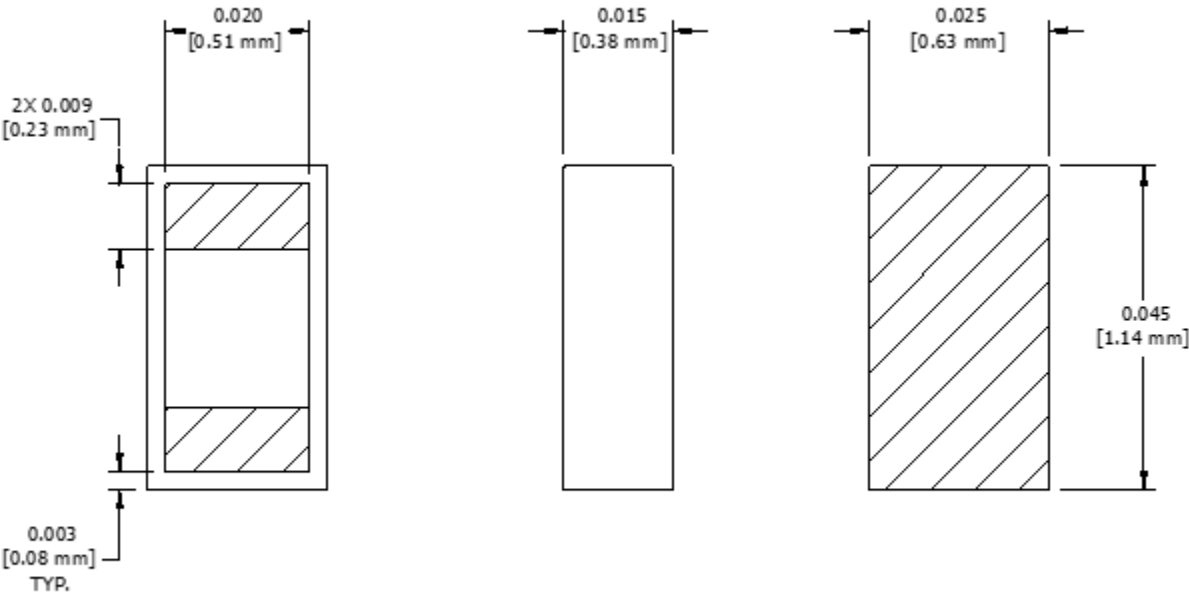
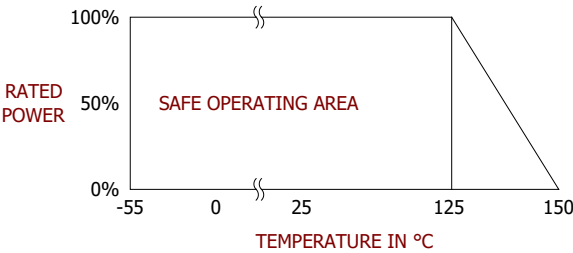
Data Retention - Standard

## 5.0 PACKAGING

Standard:	Waffle Packaging
Optional:	Tape and Reel

## 6.0 MECHANICAL

Substrate Material:	CVD Diamond
Resistive Element:	Thin Film
Terminal:	Gold over Nickel
Ground Plane Material:	Gold over Platinum
Metric Dimensions:	Provided for reference only



Unless Otherwise Specified:    TOLERANCE: X.XX = ± 0.01    X.XXX = ± 0.005