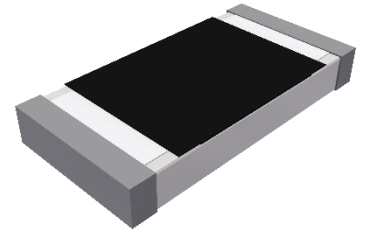
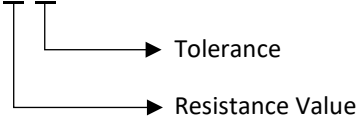


## ORDERING INFORMATION

PART IDENTIFIER: 81-8004B-X-X



## SPECIFICATIONS

## 1. ELECTRICAL:

Resistance Range:	5 - 250 OHMS
Resistance Tolerance:	± 5% standard 1% and 2% available
Input Power CW:	2 watts @ 100°C heat sink, derated linearly to zero power at 150°C
Peak Power:	20 watts (based on 10µs pulse width and 1% duty cycle)

## 2. ENVIRONMENTAL:

Operating Temperature:	-55°C to +150°C
Non-operating Temperature:	-65°C to +150°C
Temperature Coefficient:	+/-200 PPM / °C max

## 3. MARKING:

Unit Marking:	No Marking
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## 4. QUALITY ASSURANCE:

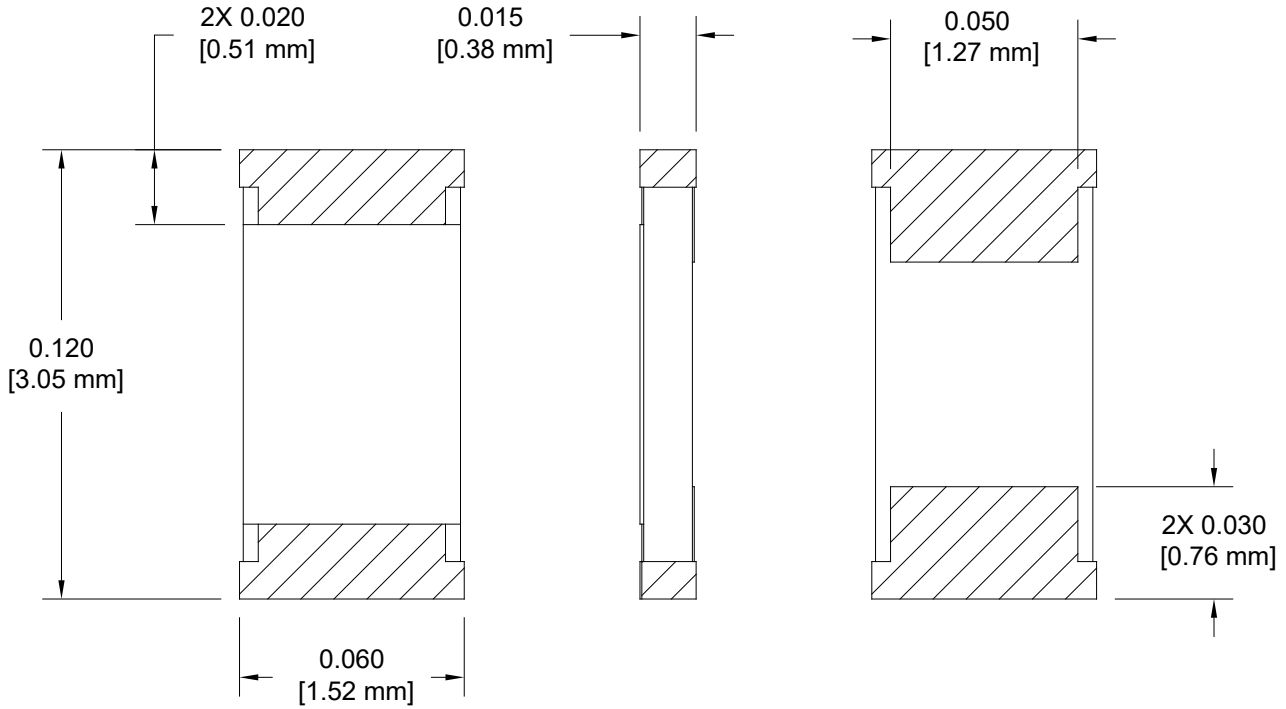
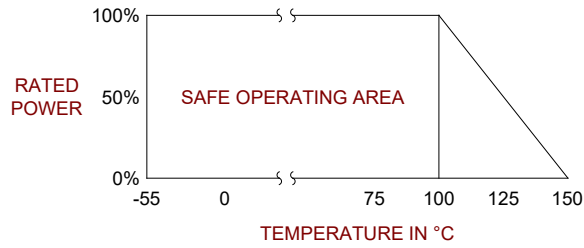
Visual and Mechanical Inspection:	Per 824W107
DC Resistance Check:	100% DC Resistance Check
Data Retention:	Standard

## 5. PACKAGING:

Standard Packaging:	Tape and Reel
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## 6. MECHANICAL:

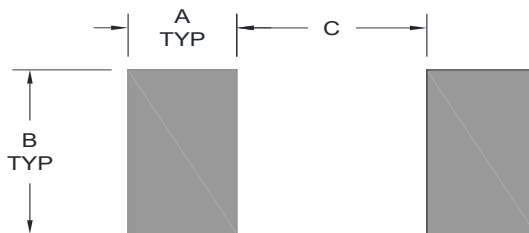
Substrate Material:	Alumina
Resistive Film:	Thick Film
Terminal Material:	Thick film, Nickel barrier Tin/Lead plated
Metric Dimensions:	Provided for reference only



Unless Otherwise Specified: TOLERANCE: X.XX = ± 0.02 X.XXX = ± 0.010

7. FOOTPRINT:

Part Number	Inches			mm		
	A	B	C	A	B	C
81-8004B-X-X	0.032	0.060	0.056	0.81	1.52	1.42



Unless Otherwise Specified: TOLERANCE: X.XXX = ± 0.002