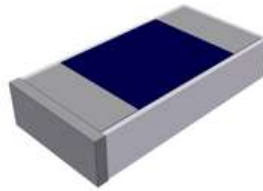


## TERMINATION CHIP 5 WATT

DATASHEET PART SERIES: 82-8001

Sheet 1 of 2  
Doc# 82-8001ECO-083989  
Revision -

## ORDERING INFORMATION

PART IDENTIFIER: 82-8001

## SPECIFICATIONS

## 1. ELECTRICAL:

Nominal Impedance:	50 $\Omega$ .
Frequency Range:	DC - 2.0 GHz.
VSWR:	1.35:1 Max.
Input Power CW:	5 Watts @ 100°C heat sink, derated linearly to zero power and 150°C.
Peak Power:	50 Watts (based on 10 $\mu$ s pulse width and 1% duty cycle).
DC Resistance:	50 $\Omega \pm 5\%$ .

## 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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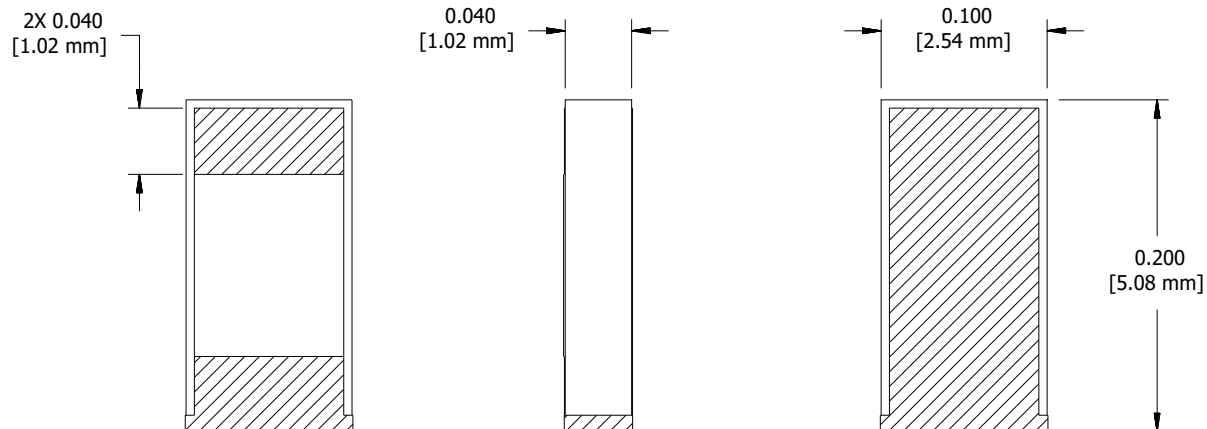
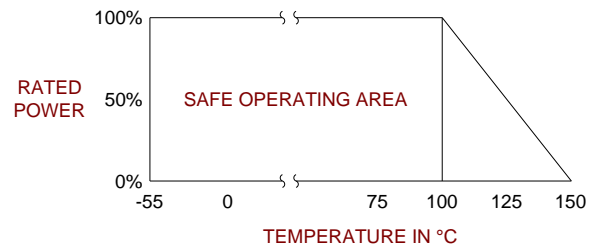
## 6. MECHANICAL:

## TERMINATION CHIP 5 WATT

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Substrate Material: Alumina.  
 Resistive Film: Nichrome.  
 Terminal Material: Tin/Lead.  
 Metric Dimensions: Provided for reference only.



Unless Otherwise Specified: TOLERANCE: X.XX =  $\pm 0.02$  X.XXX =  $\pm 0.010$ .