

# TERMINATION CHIP

**DC - 3 GHz  
40 WATTS**



MODELS: KAC100-200AZ-XXXXY

## SPECIFICATIONS:

### Electrical:

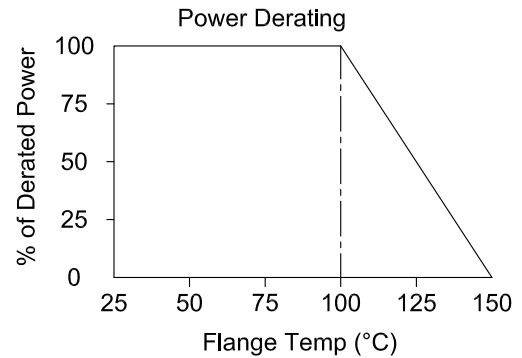
Frequency Range \_\_\_\_\_ DC - 3.0 GHz  
 Impedance \_\_\_\_\_ 50 ±5% Ohms Standard  
 Power Handling\* \_\_\_\_\_ 40 Watts Average  
 Derated Linearly to 0 Watts @ +150°C

### VSWR

DC - 2 GHz \_\_\_\_\_ 1.25:1 Max.  
 2 - 3 GHz \_\_\_\_\_ 1.40:1 Max.  
 Operating Temp. Range \_\_\_\_\_ -55°C to +150°C

### Mechanical:

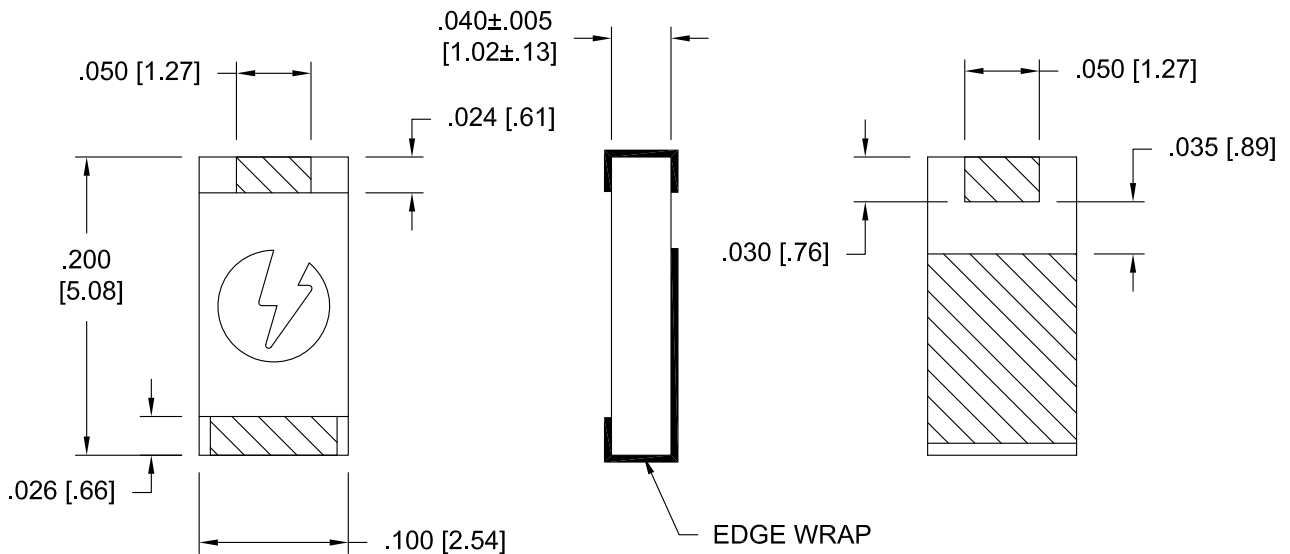
Substrate \_\_\_\_\_ Aluminum Nitride  
 Resistor Material \_\_\_\_\_ Proprietary Thick Film  
 Terminal Finish \_\_\_\_\_ Silver



\*Mounting Surface Shall not Exceed 100°C Max.

Model Number: KAC100-200AZ-50R0J Shown

Tolerance: .XXX = ±.010



## HOW TO ORDER

Model Number: KACT100-200AZ-XXXXY

Terminal Options  
 = Silver over Nickel  
 T = Tin Lead Solder  
 H = Lead Free Solder

Tolerance  
 G = ±2%  
 J = ±5%

Ohm Value (Other values available)  
 50R0 = 50 Ohms  
 1000 = 100 Ohms

Dimensions are for substrate only and do not include terminal thickness or optional tinning thickness.

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

Design specifications are subject to change without notice.