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# RM1005ZZ-XXXXWN-YY

## CHIP RESISTOR

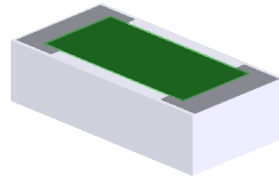
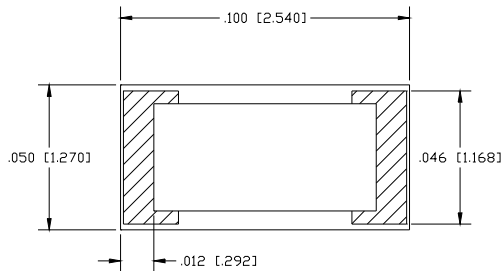
### Features:

- ◆ BeO or Alumina Material
- ◆ Back Metallization
- ◆ .5 to 1 Mohm

### General Description:

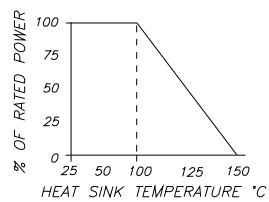
The RM1005ZZ-XXXXWN-YY is a 50 ohm standard back metallization style chip resistor (.5 - 1Mohm available). Its compact size is ideal for miniature electronic components. It is available in BeO or Alumina.

See below for ordering options



Dimensions in inches [mm]  
Tolerance  $\pm .005$  [.127]  
unless otherwise stated

DERATING CURVE:



R M 1005 ZZ - XXXX W N - YY

Resistor

Back Metallization

Termination Material and Finish

Size

Ohms

Tolerance

Inspection

Thickness and Material

Dimensions in inches [mm]  
Tolerance  $\pm .005$  [.127]  
unless otherwise stated

Derating Curve: % of Rated Power vs Heat Sink Temperature (°C)

RM1005ZZ-XXXXWN-YY

BA - Palladium Silver (Alumina) Epoxy Mount, RoHS Compliant

CB - Tin Lead over Nickel over Silver (Alumina or BeO) Solder Mount

CT - MatteTin over Nickel over Silver (Alumina or BeO) Solder Mount, RoHS Compliant

EA - Gold I/O with Palladium Silver Ground (Alumina) Solder or Epoxy Mount, Wirebondable RoHS Compliant

FA - Gold I/O with Platinum Gold Ground (Alumina) Solder or Epoxy Mount, Wirebondable RoHS Compliant

GA - Gold (Alumina) Epoxy Mount, Wirebondable RoHS Compliant

HA - Gold over Platinum Gold I/O Pads with Platinum Gold Ground (BeO) Solder or Epoxy Mount, Wirebondable RoHS Compliant

JA - Gold over Platinum Gold (BeO) Epoxy Mount, Wirebondable RoHS Compliant

0.5....R500

1 .....1R00

10.....10R0

50.....50R0

100...1000

150...1500

1K.....1001

10K...1002

100K.1003

470K.4703

1M....1004

F - 1%

G - 2%

J - 5%

K - 10%

C - Customer Print

N - Normal Inspection

T - Special

-90 = .010" Alumina (3.5 Watts)

-91 = .015" Alumina (2.5 Watts)

-93 = .025" Alumina (1.0 Watt )

-94 = .040" Alumina (0.8 Watts)

-95 = .010" BeO (35 Watts )

-96 = .015" BeO (30 Watts )

-98 = .025" BeO (10 Watts )

-99 = .040" BeO ( 5 Watts )

-9F = .060" BeO (2.5 Watts)

Barry Industries reserves the right to change part number and or process without notification.

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Barry Industries maintains an ISO 9001 Certified Quality Management System

Origination Date	Revision Date	Rev.
04/09/09	04/09/09	-