

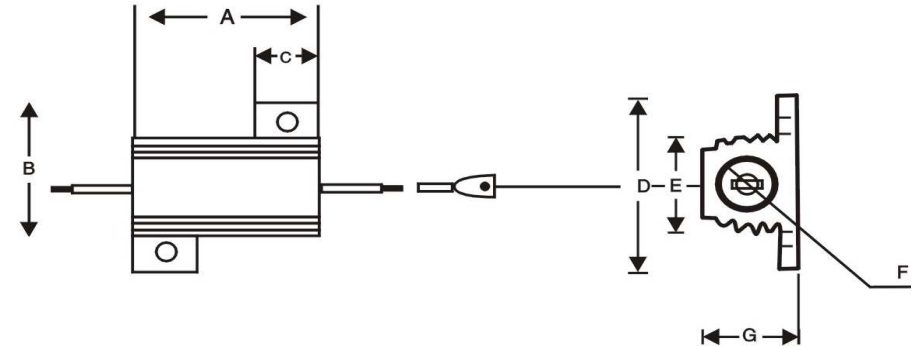
# EDCON-COMPONENTS



## Feature

- High power rating, small size and ultra precision
- Standard winding & non-induct rewinding types
- High stability, strong construction

## Drawing



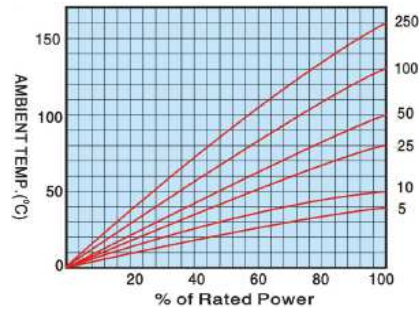
## Standard Electrical

MIL Style	Wartage Rating	Resistance Range (Ω)		Max Wcring (V)		Max Weight (g)	Proper heatsink (aluminum chassis)
		AN Inauctive	AHN Norrductie	AH	AHN		
RE75	50	0.01 ~ 40k	0.02 ~ 12k	1300	500	33	305X305X1.5t

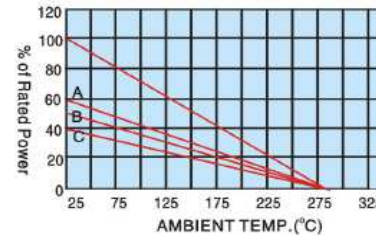
## Material

Encapsuat: Silicone  
 Endcaps: Stainless steel  
 Core: Ceramic steatite or alumina  
 Housing: Aluminum with hard anodic coating  
 Element: Copper-nickel alloy, nickel-chrome alloy or manganese copper  
 Standard: 5 ~ 50W Tinned terminals  
 Terminals: 100 ~ 250W Threaded terminals

**Surface temperature versus power load (on Chassis)**



**Derating**



Derang&nequired to reducee chassismountnganeardlur highambienl temperantcs. Currvs  
 A-S&10watlur is. unmourdd.  
 B-25watl. unis. umounted  
 C-50, 100&250watlunas. unmourdd

<b>A</b>	±1.0	50	<b>E</b>	±0.5	15
<b>B</b>	±0.5	23	<b>F</b>	---	11
<b>C</b>	±0.5	10.5	<b>G</b>	---	15.5
<b>D</b>	±1.0	29.5	---	---	---

## Aluminum Housed Wire Wound Resistor

Part No.: **X50005**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	24.11.2010
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 3

# EDCON-COMPONENTS



## Ordering Informations

Serie	Resistence	Tolerance Code	Styles of Pin	ROHS	Packing					
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<b>X50005</b>	-	<b>501</b>	<b>J</b>	<b>1</b>	<b>R</b>	<b>BX</b>				
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<b>501 = 500 Ω</b>	<b>K = ±10%</b>	<b>1 = Round</b>	<b>R = ROHS Conform</b>	<b>BX = Box</b>
	<b>J = ±5%</b>		<b>N = Non ROHS Conform</b>	
	<b>H = ±3%</b>			
	<b>G = ±2%</b>			
	<b>F = ±1%</b>			
	<b>D = ±0.5%</b>			

**Aluminum Housed Wire Wound Resistors**

Part No.: **X50005**

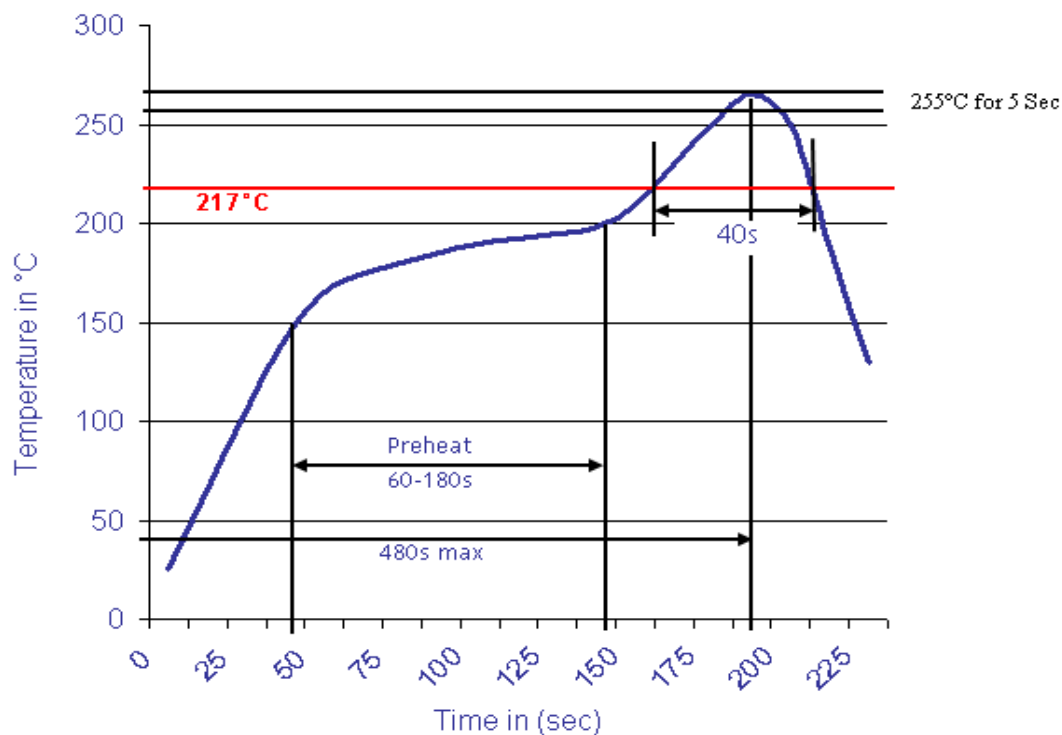
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Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



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