

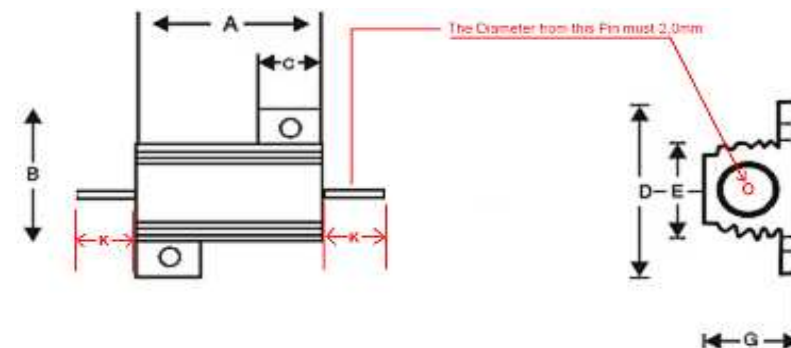
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Feature

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

Drawing



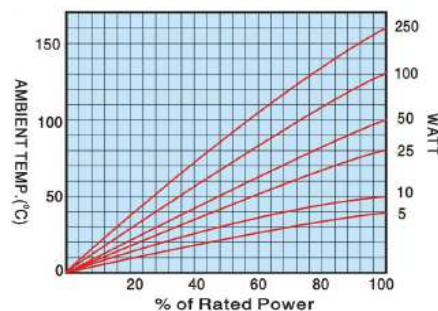
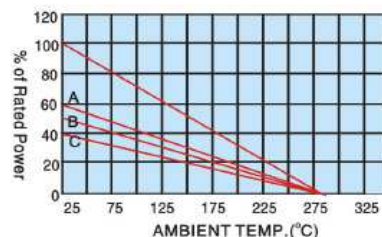
Standard Electrical

MIL Style	Wartage Rating	Resistance Range (Ω)		Max Wcring (V)		Max Weight (g)	Proper heatsink (aluminum chassis)
		AN Inauctive	AHN Norrductie	AH	AHN		
RE70	25	0.012 ~ 15k	0.02 ~ 5.5k	500	300	15	178X127X51Xlt

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

Derating



Surface temperature versus power load (on Chassls)

Dimension (mm)

A	±1.0	28	E	±0.5	13
B	±0.5	21	F	---	10
C	±0.5	10	G	---	14
D	±1.0	27	---	---	---
K	±1.0	12	---	---	---

Round Pin with Diameter 2,0mm

Aluminum Housed Wire Wound Resistors

Part No.: **X50012**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	05.07.2011	Customer:
APPD:	Schumi			FINISH	Jamy			Sheet No.	1 from 3	

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Ordering Informations

Serie	Resistence	Tolerance Code	Styles of Pin	ROHS	Packing					
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X50012	-	501	J	1	R	BX				
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501 = 500 Ω	K = ±10%	1 = Round	R = ROHS Conform	BX = Box
	J = ±5%		N = Non ROHS Conform	
	H = ±3%			
	G = ±2%			
	F = ±1%			
	D = ±0.5%			

Aluminum Housed Wire Wound Resistors

Part No.: **X50012**

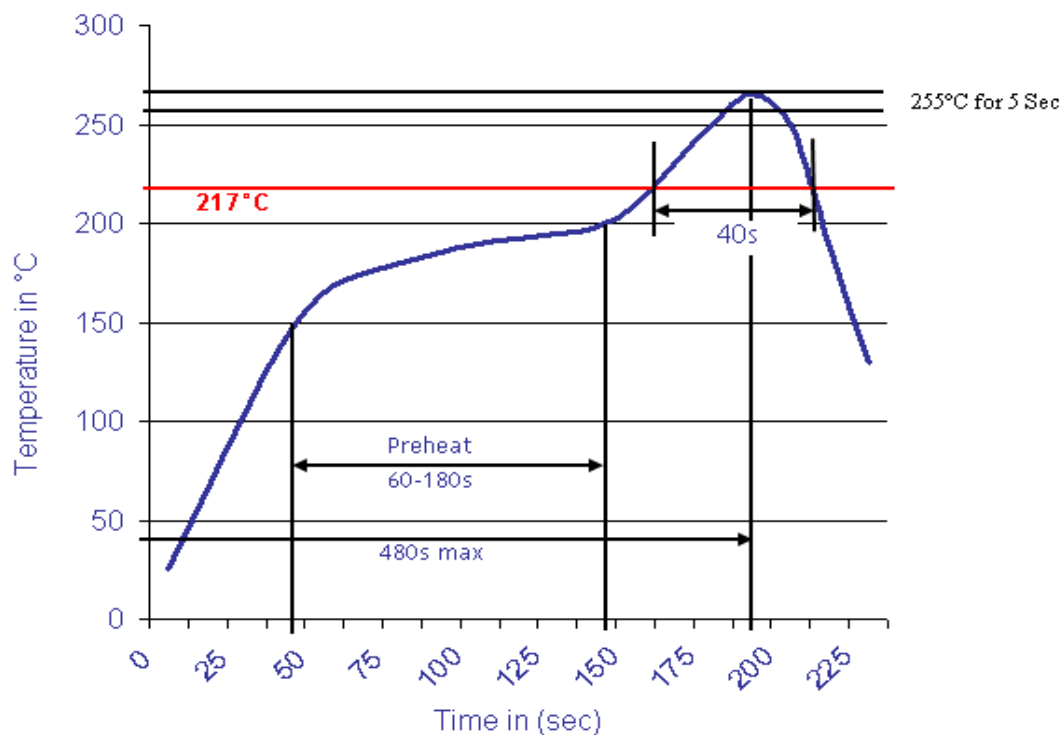
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Customer:



Soldering Profile Curve

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



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