

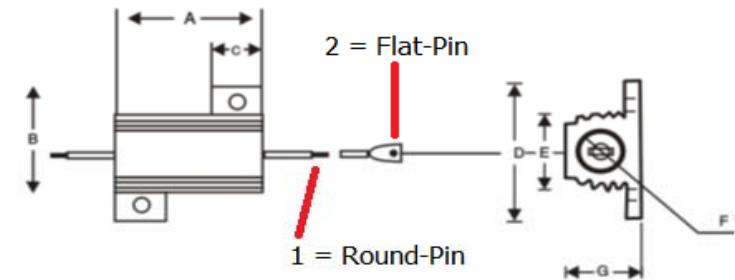
EDCON-COMPONENTS



Feature

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

Drawing



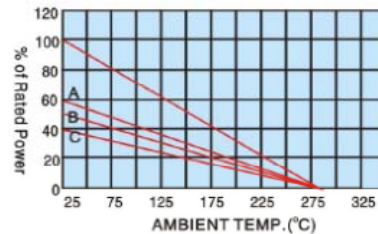
Standard Electrical

MIL Style	Wartage Rating	Resistance Range (Ω)		Max Wcring (V)		Max Weight (g)	Properheatsink (aluminumctassis)
		AN Inaactive	AHN Norrductie	AH	AHN		
RE70	25	0.012 ~ 15k	0.02 ~ 5.5k	500	300	15	178X127X51Xlt

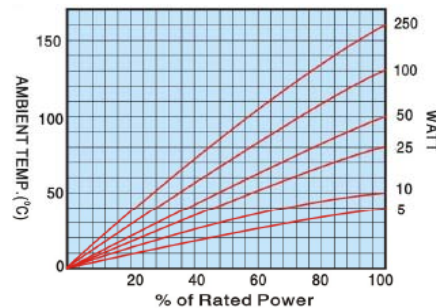
Material

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 Terminals: 5 ~ 50W Tinned terminals
 Terminals: 100 ~ 250W Threaded terminals

Derating



Derang&nequiredto reduce chassismountnganeardlur highambienltempantcs. Curves
 A-S&10watluris. unmountdod.
 B-25watl.unis. ountdod.
 C-50. 100&250watl.unas. unmountd



Surface temperature versus power load (on Chassis)

Dimension (mm)

	A	B	C	D	E	F	G
Dimension (mm)	±1.0	±0.5	±0.5	±1.0	±0.5	---	---
	28	21	10	27	13	10	14

Aluminum Housed Wire Wound Resistors

Part No.: **X50003**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.03.2021
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 3

www.edcon-components.com

email: info@edcon-components.com

EDCON-COMPONENTS



Ordering Informations

Serie	Resstence	Tolerance Code	Styles of Pin	ROHS	Packing					
-------	-----------	----------------	---------------	------	---------	--	--	--	--	--

X50003	501	J	1	R	BX					
---------------	------------	----------	----------	----------	-----------	--	--	--	--	--

501 = 500 Ω	K = ±10%	1 = Round	R = ROHS Conform	BX = Box
	J = ±5%	2 = Flat-PIN	N = Non ROHS Conform	
	H = ±3%			
	G = ±2%			
	F = ±1%			
	D = ±0.5%			

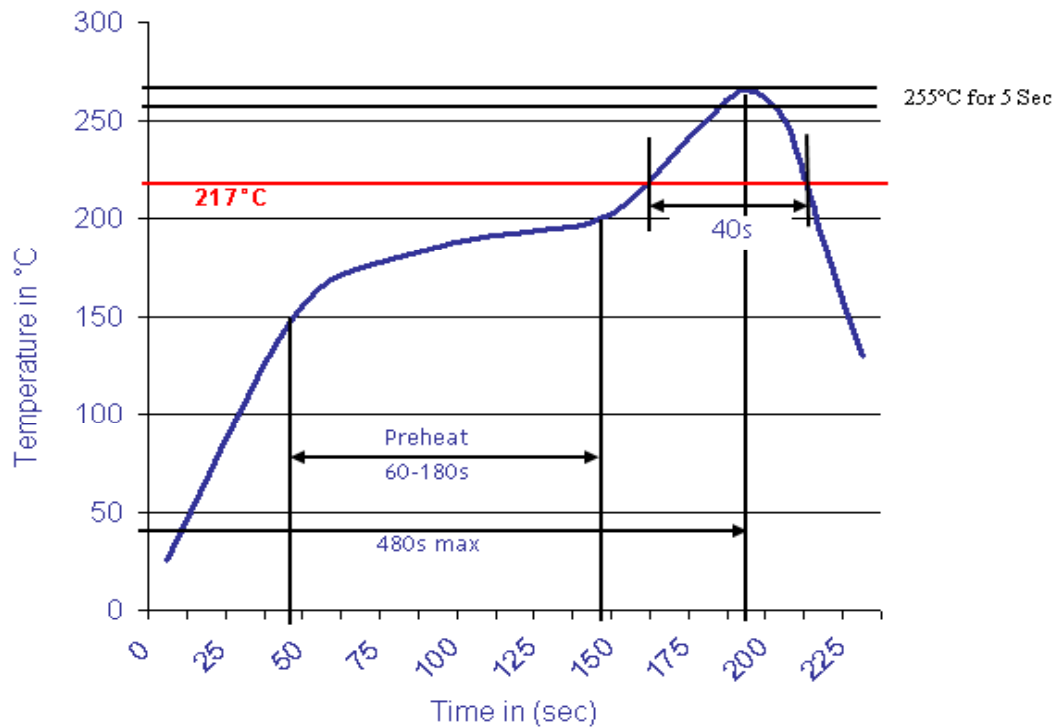
Aluminum Housed Wire Wound Resistors	
Part No.:	X50003
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.03.2021
APPD:	Schumi			FINISH	Jamy		Sheet No.	2 from 3	



Soldering Profile Curve

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



Aluminum Housed Wire Wound Resistors	
Part No.:	X50003
Customer:	

DRW:	Jason	CHKD:	Wilson	MATL:	Wilson	TOLERANCE:	Mason	DATE:	10.03.2021
APPD:	Schumi	FINISH:	Jamy			Sheet No.:	3 from 3		