

EDCON-COMPONENTS



Anti Surge Melf Resistor (Non Inductive Type)

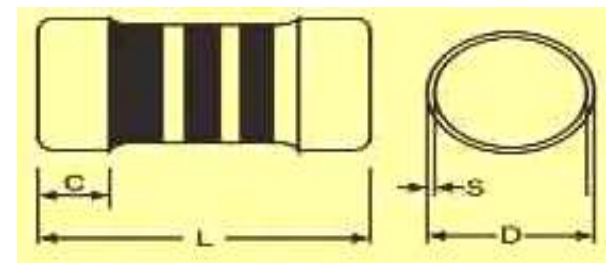
Characteristics

Item	Characteristics	Test Method
Operating Temp. Range	. -55°C ~ 155°C	
Temperature Coefficient	. +/- 100ppm 200ppm, 500ppm, 1000ppm/°C	JIS-C 5202; 5,2
Load Life Humidity	. +/- 5%	40°C +/- 2°C, 90%~95% R, 1000h, 1,5h "on" / 0,5h "off" cycle
Load Life	. +/- 5%	70°C +/- 2°C, 1000h, 1,5h "on" / 0,5h "off" cycle
Resistance to Soldering heat	. +/- 2%	260°C +/- 5sec, 5sec +/- 1 sec
Solderability	90% Coverage Min.	235°C +/- 5sec, 2sec +/- 0,5 sec
Bending test	. +/- 1%	Holding point width 90mm, Bending 5mm, 1 time
Anti-Surge Characteristic	. +/- 5%	Voltage of $\sqrt{(2xPxRxT/x)}$ room temperature. Number of cycles: 10000
Non-Combustibility	The resistor shall withstand Overload test in accordance with Article UL-94, V-0 without producing a fire hazard.	

Technical Informations

Serie	Size	Dimensions (mm)			S	
		L	D	C	Max	Min
X23037	0207	5,7 / +/-0,2	2,2 / +/-0,1	0,8 / +/-0,2	2,30	2,00

Technical Drawing Case



Packing Informations

Serie	Size	Tape/Reel	Bulk	Carton
X23037	0207	2000PCS	-----	-----

Anti Surge Melf Resistor Size 0207

Part No.: **X23037**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.04.2009
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 4

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Range Specification Value

Serie	Size	Ordering Code Power	Power Rating	Resistance Range	Tolerance	Max. Surge Voltage
X23037	0207	C	0,5W	1,0 Ohm ~ 2,2K Ohm	5% / 10% / 20%	200V

**Anti Surge Melf Resistor
Size 0207**

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Ordering Informations

Serie	Range Code	Ordering Power Code	T.C.R Code	Tolerance Code	ROHS	Packing Code				
X23037	102	C	1	M	R	TR20				

102= 1,0K Resistance Range look table	C= 0,5W	1= +/- 100ppm	J= Tol. +/-5%	R= ROHS Conform	TR20= Tape Reel 2000PCS
		2= +/- 200ppm	K= Tol. +/- 10%	N= NON ROHS	
		3= +/- 500ppm	M= Tol. +/- 20%		BU05= Bulk Ware 500PCS
		4= +/- 1000ppm			

**Anti Surge Melf Resistor
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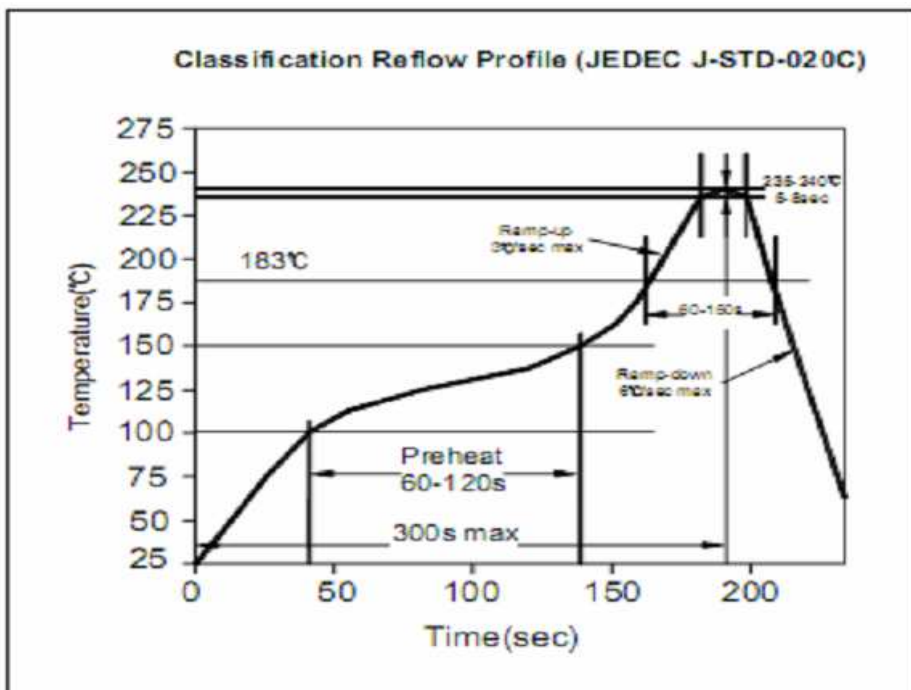
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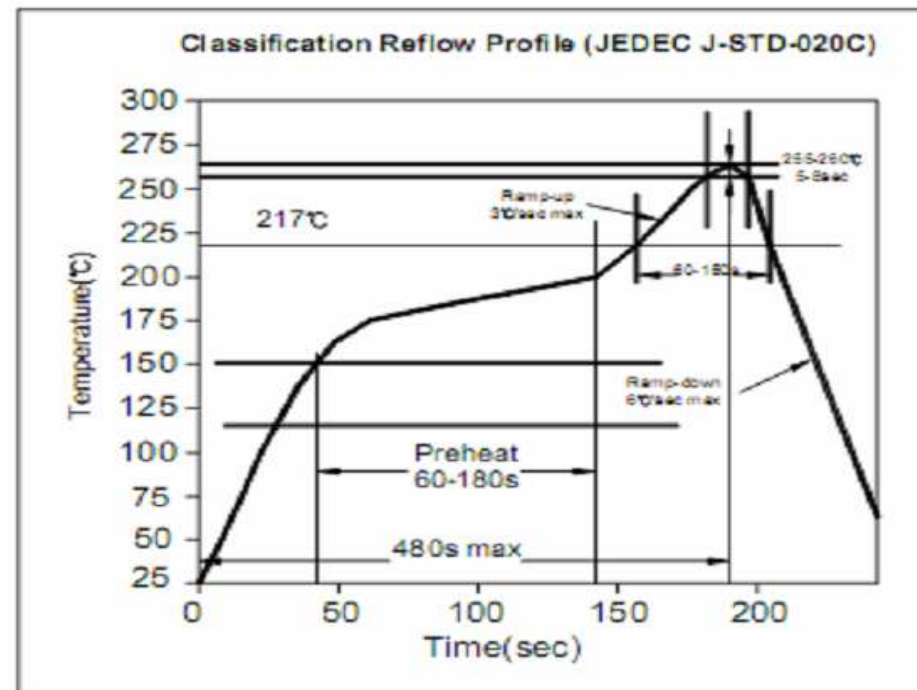


Soldering Profile Curve

Soldering Profile for Lead Soldering



Soldering Profile for Lead Free Soldering



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