



## R47005-200

### Features:

Size 2920
Lead Free and compliant with the European Union
Fast tripping resettable circuit protection
Surface mount packaging for automated assembly

### Technical Specifications:

**I<sub>H</sub>** Hold current maximum current device will pass without interruption in 25°C still air unless

**I<sub>T</sub>**: Trip current: minimum current that will switch the device from low resistance, Resistance in 25°C still unless otherwise specified.

**I<sub>max</sub>**. Maximum current device can VMAXIMAX 100 vcycles --- NO arcing or burning.

**V<sub>max</sub>**: Maximum Voltage device can withstand without damage at rated current.

**P<sub>d</sub>**: power dissipated from device when in the tripped state in 25°C still air unless otherwise specified .

**R<sub>min</sub>**: Minimum resistance of device as supplied at 25°C unless otherwise specified.

**R<sub>1</sub> max.** Maximum device resistance in the nonstripped state 1 hour post reflow.

### Approval:



<b>SMT POLY FUSE</b>		<b>SIZE</b>
		<b>2920</b>
Part No.:	<b>R47005-200</b>	
Customer:		

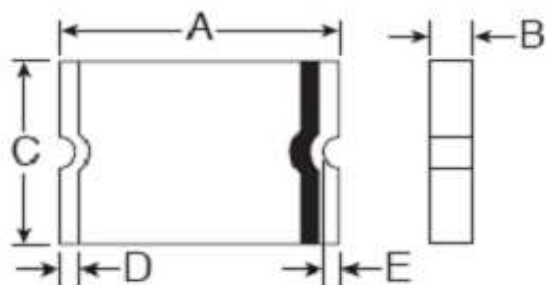
DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	26.11.2014
APPD:	Jimmy			FINISH	Josy	Sheet	1 from 3

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## Technical Drawing and Informations

### Dimensions



A (mm)		B (mm)		C (mm)		D (mm)		E (mm)	
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
7,40	8,00	5,05	5,45	0,500	1,20	1,20	1,80	0,550	--

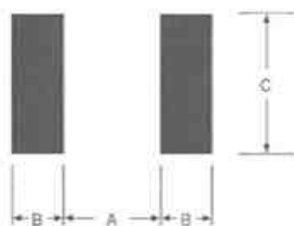
### Performance Rating:

Range	ICH	IT	V max	I m ax	Pd typ	Resistance:		
	(A)	(A)	(V DC)	(A)	(W)	Rmin (Ω)	Rtyp (Ω)	R1max (Ω)
<b>2,00A</b>	<b>2,000</b>	<b>4,00</b>	<b>15,0</b>	<b>40,0</b>	<b>1,50</b>	<b>0,015</b>	<b>0,09</b>	<b>0,20</b>

### Information I should (A) (Temperatur Characteristics)

A	-20°C	-10°C	25°C	30°C	40°C	50°C	60°C	70°C	85°C
<b>2,00A</b>	<b>3,02</b>	<b>2,68</b>	<b>2,34</b>	<b>2,00</b>	<b>1,66</b>	<b>1,50</b>	<b>1,32</b>	<b>1,16</b>	<b>0,90</b>

### PAD Layout



A (mm)	B (mm)	C (mm)
<b>4,60</b>	<b>2,00</b>	<b>5,30</b>

**SMT POLY FUSE      SIZE**  
**2920**

Part No.: **R47005-200**

Customer:

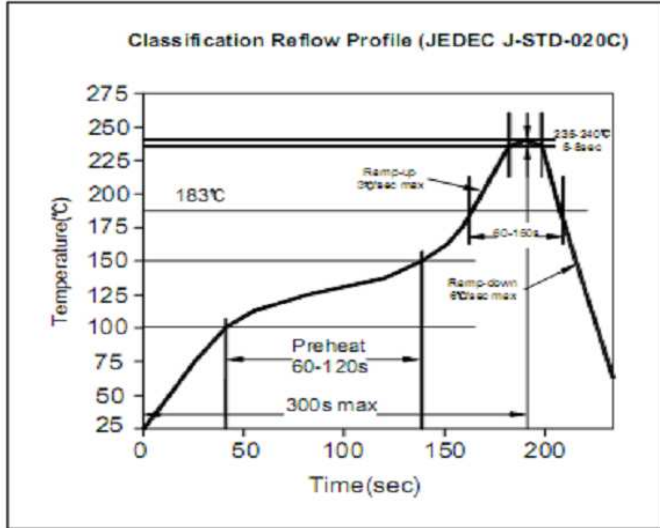
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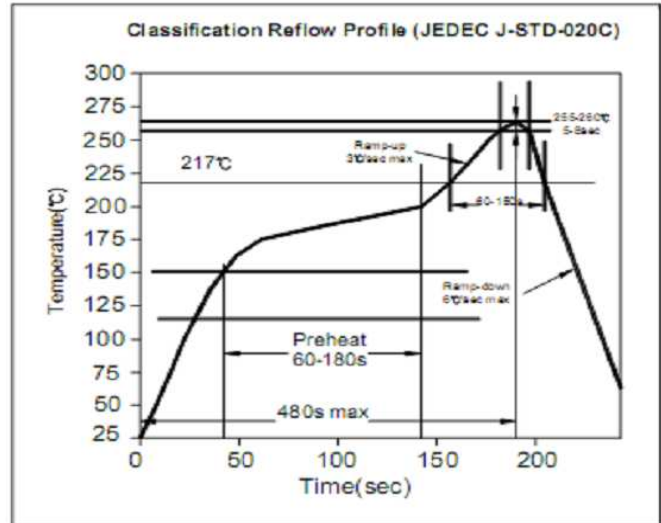


### Soldering Information

#### Lead Solder Performance



#### Lead free Solder Performance



### Ordering Informations:

Item-No. & Range	ROHS	Packing
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<b>R47005-200</b>	<b>R</b>	<b>TR</b>
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**200 = 2,00A**

<b>R= ROHS</b>	<b>TR= Tape / Reel Standard)</b>
<b>N= Non ROHS</b>	
<b>BU= Bulk</b>	

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