



## R47005-100-

### 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:



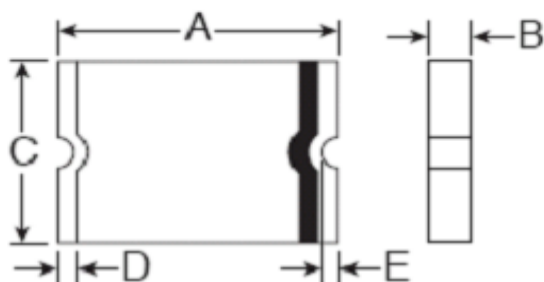
<b>SMT POLY FUSE</b>		<b>SIZE</b>
		<b>2920</b>
Part No.:	<b>R47005-100-</b>	
Customer:		
DRW:	Lexua	CHKD
APPD:	Jimmy	
	Wilson	MATL:
		FINISH
	ChuChu	DATE
	Josy	Sheet
		01.03.2017
		1 from 3

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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	--

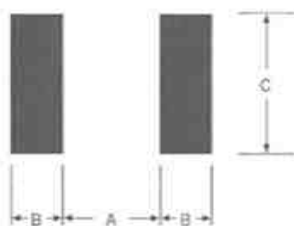
Performance Rating:

Range	ICH	IT	V <sub>max</sub>	I <sub>m ax</sub>	Pd <sub>typ</sub>	Resistance:			
	(A)	(A)	(V DC)	(A)	(W)	R <sub>min</sub>	R <sub>typ</sub>	R <sub>1max</sub>	
	(Ω)	(Ω)	(Ω)	(Ω)	(W)	(Ω)	(Ω)	(Ω)	(Ω)
<b>1,00A</b>	<b>1,000</b>	<b>1,80</b>	<b>33,0</b>	<b>40,0</b>	<b>1,50</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>

Information I hold (A) (Temperatur Characteristics)

A	-20°C	-0°C	25°C	30°C	40°C	50°C	60°C	70°C	85°C
<b>1,00A</b>	<b>1,66</b>	<b>1,47</b>	<b>1,29</b>	<b>1,10</b>	<b>0,91</b>	<b>0,83</b>	<b>0,73</b>	<b>0,64</b>	<b>0,50</b>

PAD Layout



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

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**2920**

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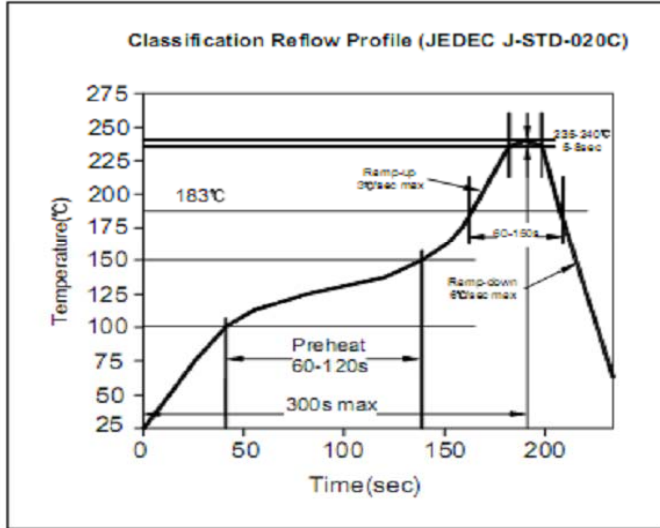
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DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	01.03.2017
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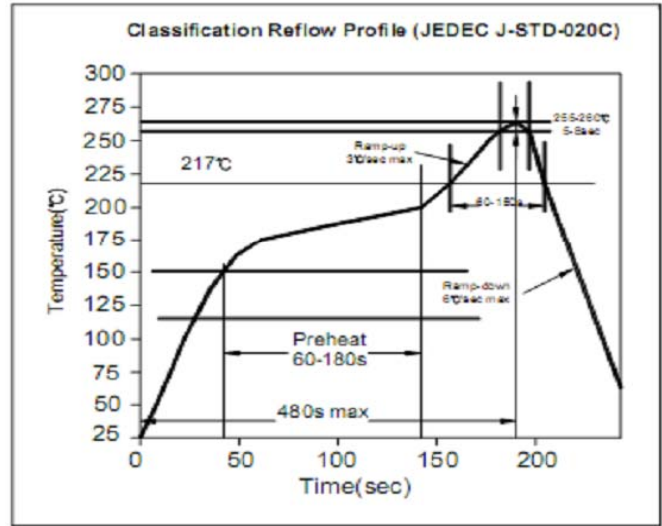


### Soldering Information

#### Lead Solder Performance



#### Lead free Solder Performance



### Ordering Informations:

Item-No. & Range	ROHS	Packing
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<b>R47005-100-</b>	<b>R</b>	<b>TR</b>
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**100 = 1,00A**

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

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