



## R47007-110

### Features:

Size 2018
Lead Free and compliant with the European Union
Fast tripping resettable circuit protection
Surface mount packaging for automated assembly
Operating Temperature: -40°C ~ +85°C

### Technical Specifications:

- I<sub>H</sub>** Hold current maximum current device will pass without interruption in 20° C still air unless
- I<sub>T</sub>**: Trip current: minimum current that will switch the device from low resistance, Resistance in 20°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 20°C still air unless otherwise specified.
- R<sub>min</sub>**: Minimum resistance of device as supplied at 20°C unless otherwise specified.
- R<sub>1</sub>** max. Maximum device resistance in the nonstripped state 1 hour post reflow.

### Thermal Derating chart-I H (A)

Range	Maximum ambient operating temperature ( °C)								
	-.40	-.20	0	25	40	50	60	70	85
1100mA	1,71	1,52	1,32	1,10	0,94	0,84	0,74	0,64	0,5

### Approval:



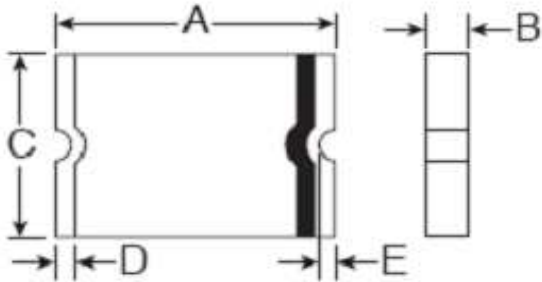
<b>SMT POLY FUSE SIZE 2018</b>	
Part No.:	<b>R47007-110</b>
Customer:	
DRW:	Lexua
APPD:	Jimmy
CHKD:	CHKD
Wilson	
MATL:	ChuChu
FINISH:	Josy
DATE:	01.12.2014
Sheet:	1 from 3

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## Technical Drawing and Informations

### Dimensions

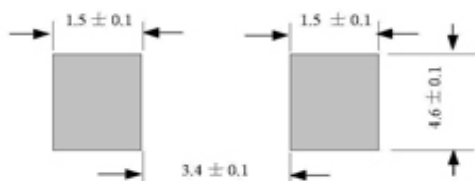


A (mm)		C (mm)		B (mm)		D (mm)		E (mm)	
Min.	Max.	Min.	Max.	Min.	Max.	Min.		Min.	
4,72	5,44	4,22	4,93	0,60	1,10	0,30		0,20	

### Performance Rating:

Range	ICH	IT	V max	I m ax	Pd typ	Maximum Time to Trip		Resistance:		
	(A)	(A)	(V DC)	(A)	(W)	Current	Time	Ri min		R1max
						(A)	(Sec.)	(Ω)		(Ω)
<b>1100mA</b>	<b>1,1</b>	<b>2,2</b>	<b>15,0</b>	<b>100,0</b>	<b>1,1</b>	<b>8,0</b>	<b>0,4</b>	<b>0,6</b>		<b>0,36</b>

### PAD Layout



### SMT POLY FUSE SIZE 2018

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Customer:

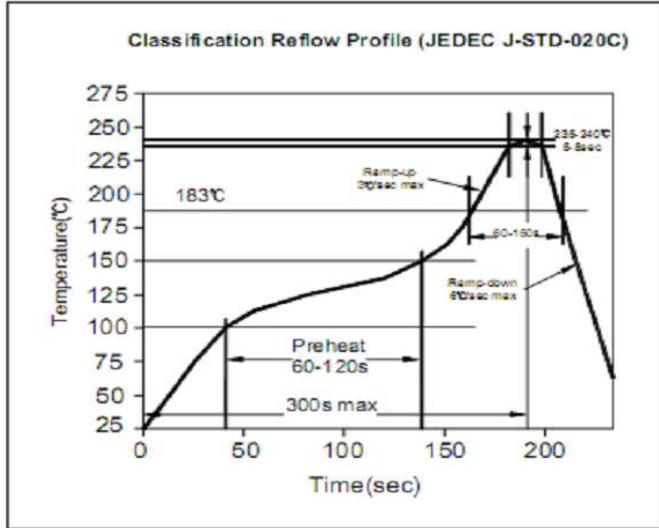
DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	01.12.2014
APPD:	Jimmy			FINISH	Josy	Sheet	2 from 3

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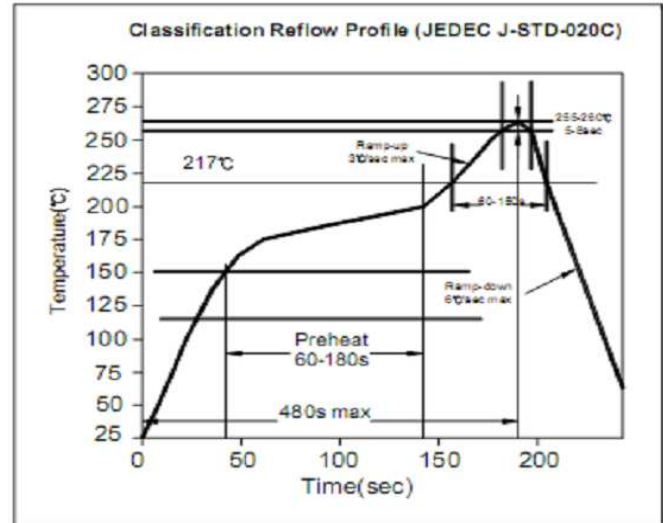


### Soldering Information

#### Lead Solder Performance



#### Lead free Solder Performance



### Ordering Informations:

Item-No. & Range	ROHS	Packing
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<b>R47007-110</b>	<b>R</b>	<b>TR</b>
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110 = 1,1A

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

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