



R47007-150

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_H** Hold current maximum current device will pass without interruption in 20° C still air unless
- I_T**: Trip current: minimum current that will switch the device from low resistance, Resistance in 20°C still unless otherwise specified.
- I_{max}**: Maximum current device can VMAXIMAX 100 vcycles --- NO arcing or burning.
- V_{max}**: Maximum Voltage device can withstand without damage at rated current.
- P_d**: power dissipated from device when in the tripped state in 20°C still air unless otherwise specified.
- R_{min}**: Minimum resistance of device as supplied at 20°C unless otherwise specified.
- R₁** 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
1500mA	2,38	2,1	1,82	1,50	1,27	1,13	0,99	0,85	0,64

Approval:



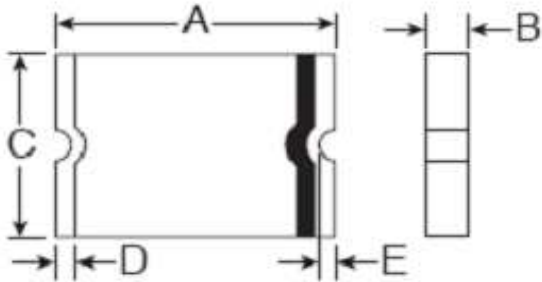
SMT POLY FUSE SIZE 2018							
Part No.:	R47007-150						
Customer:							
DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	01.12.2014
APPD:	Jimmy			FINISH	Josy	Sheet	1 from 3

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Technical Drawing and Informations

Dimensions

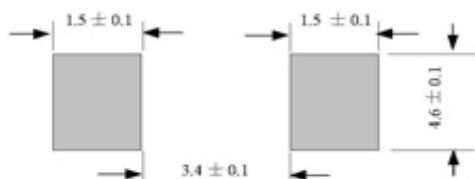


A (mm)		C (mm)		B (mm)		D (mm)		E (mm)	
Min.	Max.	Min.	Max.	Min.	Max.	Min.		Min.	
4,72	5,44	4,22	4,93	0,60	1,10	0,30		0,20	

Performance Rating:

Range	ICH	IT	V max	I m ax	Pd typ	Maximum Time to Trip		Resistance:		
	(A)	(A)	(V DC)	(A)	(W)	Current (A)	Time (Sec.)	Ri min (Ω)		R1max (Ω)
	1500mA	1,5	3,0	15,0	100,0	1,1	8,0	0,8	0,05	

PAD Layout



SMT POLY FUSE SIZE 2018

Part No.: **R47007-150**

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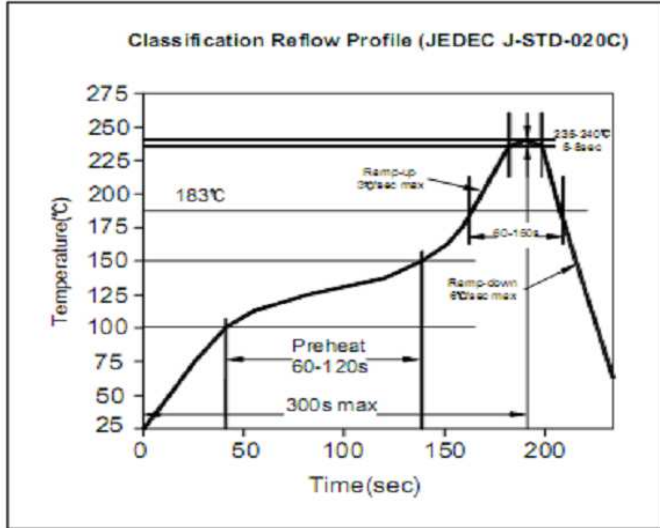
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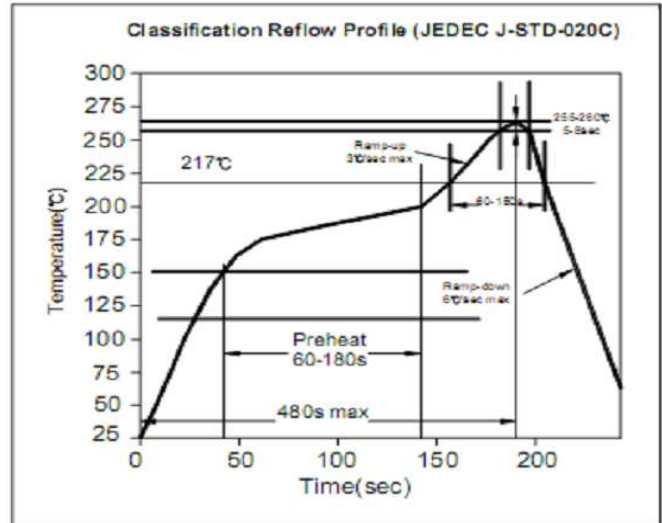


Soldering Information

Lead Solder Performance



Lead free Solder Performance



Ordering Informations:

Item-No. & Range	ROHS	Packing
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R47007-150	R	TR
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150 = 1,5A

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

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