



R47007-030

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
300mA	0,48	0,42	0,35	0,30	0,24	0,21	0,17	0,15	0,1

Approval:



SMT POLY FUSE SIZE 2018

Part No.: **R47007-030**

Customer:

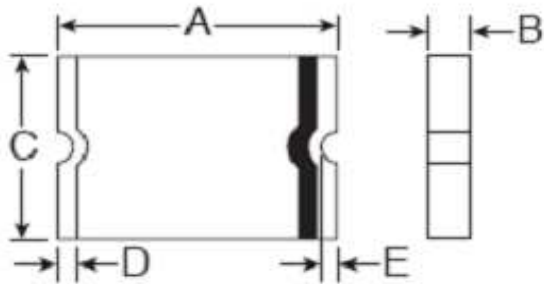
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Technical Drawing and Informations

Dimensions

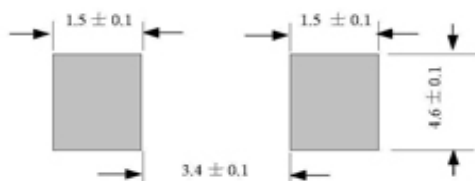


A (mm)		C (mm)		B (mm)		D (mm)		E (mm)	
Min.	Max.	Min.	Max.	Min.	Max.	Min.		Min.	
4,72	5,44	4,22	4,93	0,60	1,10	0,30		0,20	

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	Rmin	Rmax	R1max
	(A)	(A)	(V DC)	(A)	(W)	(A)	(Sec.)	(Ω)	(Ω)	(Ω)
300mA	0,3	0,6	60,0	100,0	0,9	1,5	3,0	0,90	0,50	2,30

PAD Layout



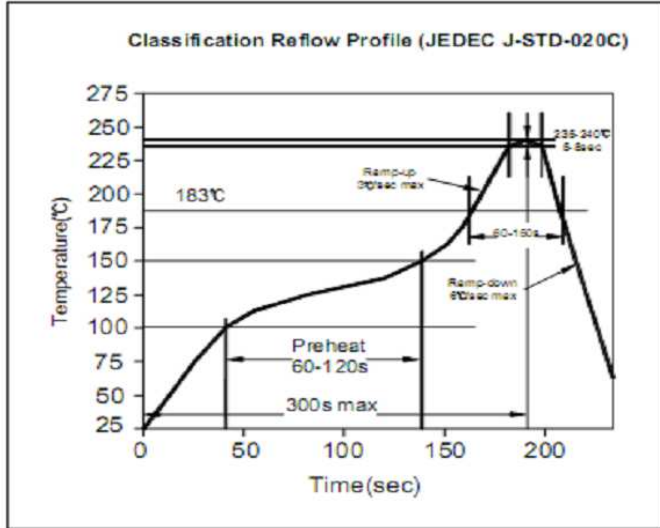
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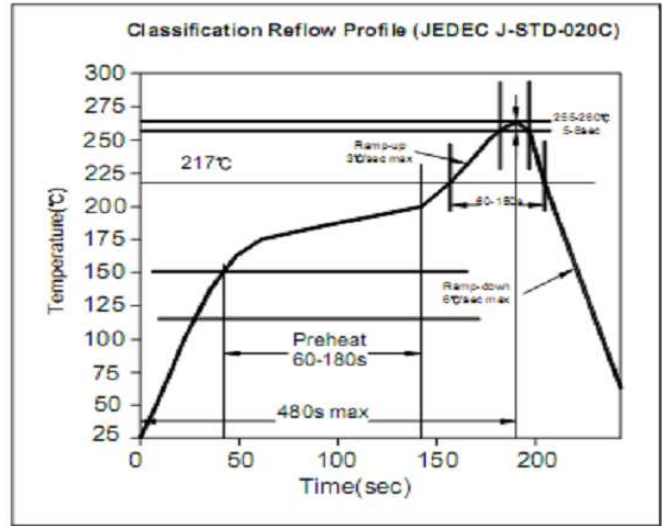


Soldering Information

Lead Solder Performance



Lead free Solder Performance



Ordering Informations:

Item-No. & Range	ROHS	Packing
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R47007-030	R	TR
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030 = 300mA

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

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