



R47005-185

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_H Hold current maximum current device will pass without interruption in 25°C still air unless

I_T: Trip current: minimum current that will switch the device from low resistance, Resistance in 25°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 25°C still air unless otherwise specified .

R_{min}: Minimum resistance of device as supplied at 25°C unless otherwise specified.

R₁ max. Maximum device resistance in the nonstripped state 1 hour post reflow.

Approval:



SMT POLY FUSE		SIZE
		2920
Part No.:	R47005-185	
Customer:		

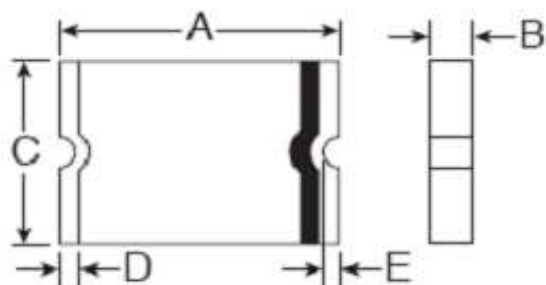
DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	26.11.2014
APPD:	Jimmy			FINISH	Josy	Sheet	1 from 3

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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	--

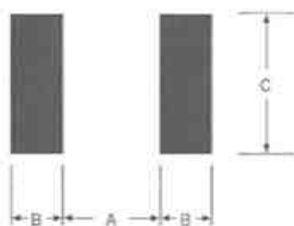
Performance Rating:

Range	ICH	IT	V max	I m ax	Pd typ	Resistance:		
	(A)	(A)	(V DC)	(A)	(W)	Rmin (Ω)	Rtyp (Ω)	R1max (Ω)
1,85A	1,850	3,70	33,0	40,0	1,50	0,02	0,12	0,25

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
1,85A	2,80	2,47	2,17	1,85	1,54	1,39	1,22	1,07	0,85

PAD Layout



A (mm)	B (mm)	C (mm)
4,60	2,00	5,30

SMT POLY FUSE SIZE 2920

Part No.: **R47005-185**

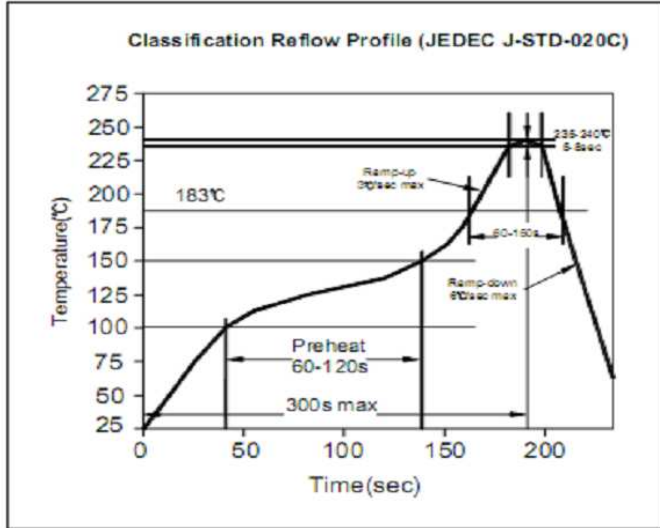
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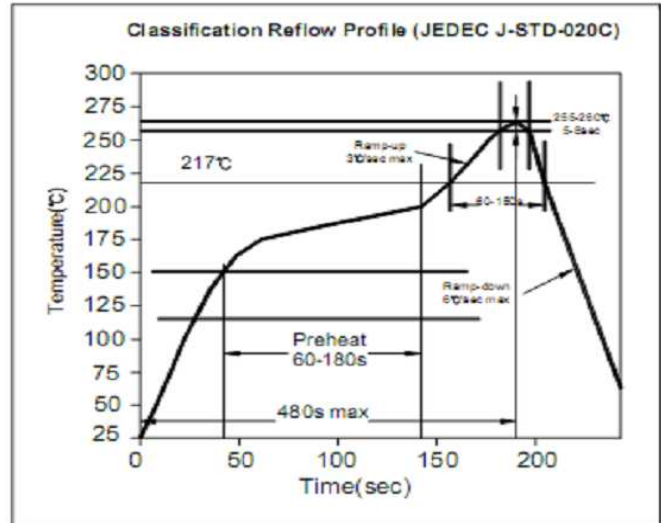


Soldering Information

Lead Solder Performance



Lead free Solder Performance



Ordering Informations:

Item-No. & Range	ROHS	Packing
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R47005-185	R	TR
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185 = 1,85A

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

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