



R47003-050

Features:

Size 1210
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
		1210
Part No.:	R47003-050	
Customer:		

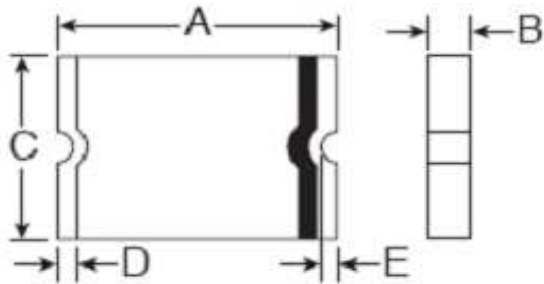
DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	06.04.2007
APPD:	Jimmy			FINISH	Josy	Sheet	1 from 3

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Technical Drawing and Informations

Dimensions

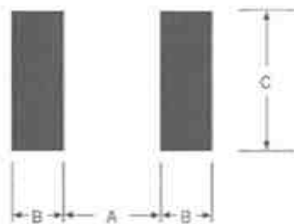


A (mm)		B (mm)		C (mm)		D (mm)		E (mm)	
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
3,00	3,43	2,35	2,80	0,35	0,62	0,25	0,75	0,076	--

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.)	Rmin (Ω)	Rmax (Ω)	R1max (Ω)
	500mA	0,500	1,00	13,2	40,0	0,6	5,00	0,10	0,25	0,55

PAD Layout



A (mm)	B (mm)	C (mm)
2,00	1,00	2,50

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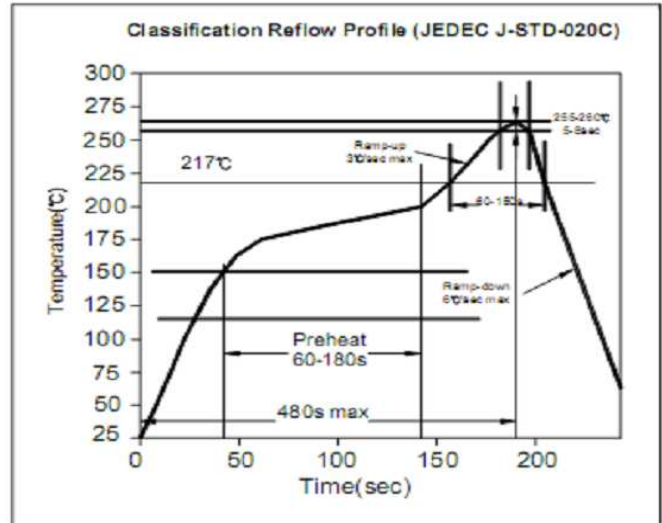


Soldering Information

Lead Solder Performance



Lead free Solder Performance



Ordering Informations:

Item-No. & Range	ROHS	Packing
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R47003-050	R	TR
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050 = 500mA

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

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