



R47003-175

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:

UL, CUL, cRU, US, RU

SMT POLY FUSE SIZE 1210

Part No.: **R47003-175**

Customer:

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

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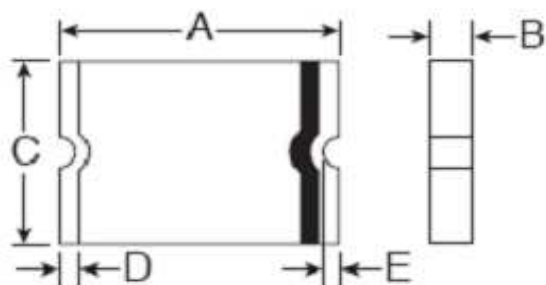
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[email:info@edcon-components.com](mailto:info@edcon-components.com)



Technical Drawing and Informations

Dimensions

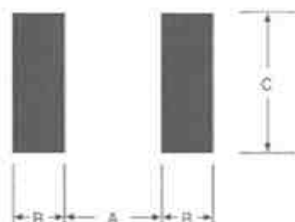


A (mm)		B (mm)		C (mm)		D (mm)		E (mm)	
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
3,00	3,43	2,35	2,80	0,40	0,76	0,25	0,75	0,076	--

Performance Rating:

Range	ICH	IT	V max	I m ax	Pd typ	Maximum Time to Trip		Resistance:		
	(A)	(A)	(V DC)	(A)	(W)	Current	Time	Rmin	Rmax	R1max
						(A)	(Sec.)	(Ω)	(Ω)	(Ω)
1,75A	1,750	3,50	6,0	40,0	0,8	8,00	0,80	0,03	0,05	0,08

PAD Layout



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

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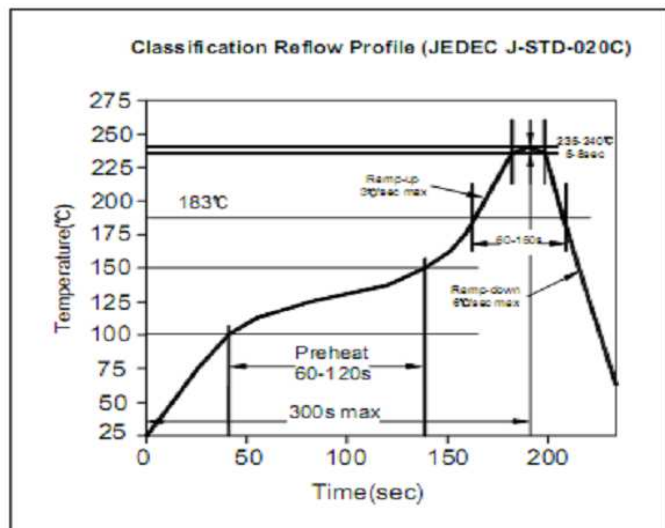
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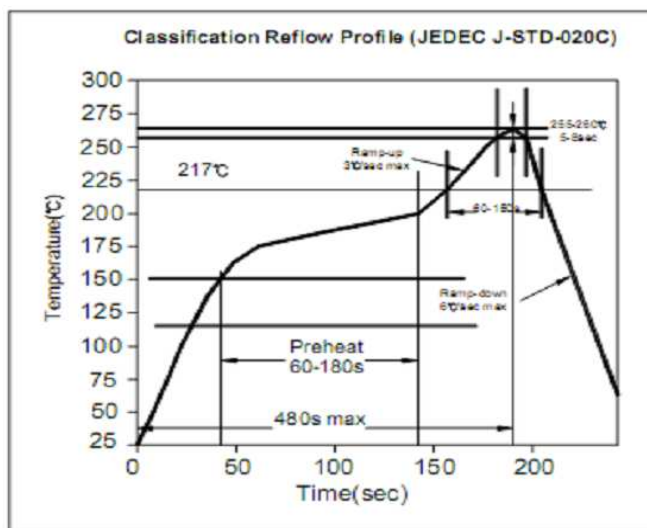


Soldering Information

Lead Solder Performance



Lead free Solder Performance



Ordering Informations:

Item-No. & Range	ROHS	Packing
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R47003-175	R	TR
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175 = 1,75A

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

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