



R47002-035

Features:

Size 1206
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 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	20	25	40	50	60	70	80	85
350mA	0,58	0,51	0,44	0,38	0,35	0,31	0,28	0,24	0,21	0,18	0,16

Approval:



SMT POLY FUSE SIZE 1206

Part No.: **R47002-035**

Customer:

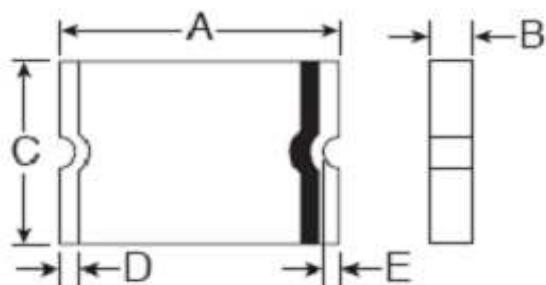
DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	06.04.2007
APPD:	Jimmy			FINISH	Josy	Sheet	1 from 3

Copyright by EDCON-COMPONENTS H.Schmitt 11.6.2009



Technical Drawing and Informations

Dimensions

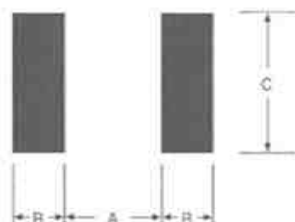


A (mm)		B (mm)		C (mm)		D (mm)		E (mm)	
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
3,00	3,40	0,38	0,64	1,37	1,80	0,15		0,076	--

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)	(A)	(V DC)	(A)	(W)	(A)	(Sec.)	(Ω)	(Ω)	(Ω)
350mA	0,350	0,75	16,0	20,0	0,6	3,5	0,10	0,45		1,40

PAD Layout



A (mm)	B (mm)	C (mm)
2,00	1,00	1,60

SMT POLY FUSE SIZE 1206

Part No.: **R47002-035**

Customer:

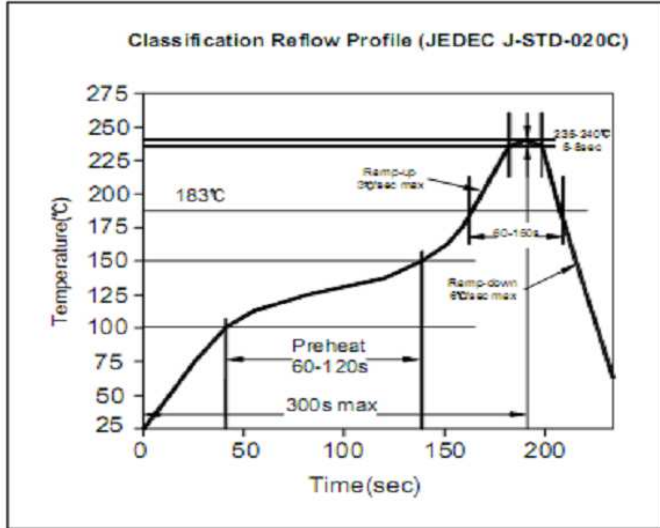
DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	06.04.2007
APPD:	Jimmy			FINISH	Josy	Sheet	2 from 3

Copyright by EDCON-COMPONENTS H.Schmitt 11.6.2009

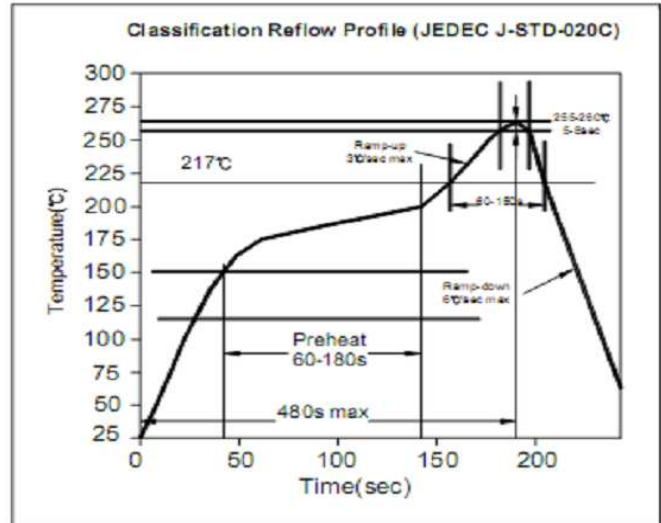


Soldering Information

Lead Solder Performance



Lead free Solder Performance



Ordering Informations:

Item-No. & Range	ROHS	Packing
------------------	------	---------

R47002-035	R	TR
-------------------	----------	-----------

035 = 350mA

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

SMT POLY FUSE SIZE 1206

Part No.: **R47002-035**

Customer:

DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	06.04.2007
APPD:	Jimmi			FINISH	Josi	Sheet	3 from 3

Copyright by EDCON-COMPONENTS H.Schmitt 11.6.2009