



R47003-110

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:



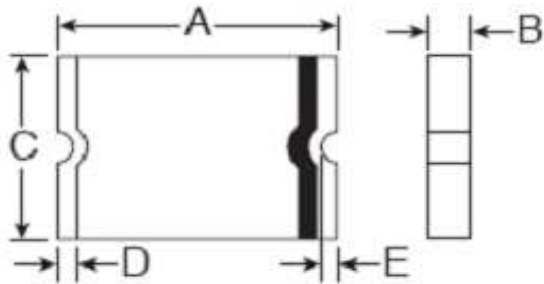
SMT POLY FUSE		SIZE
		1210
Part No.:	R47003-110	
Customer:		

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



Technical Drawing and Informations

Dimensions

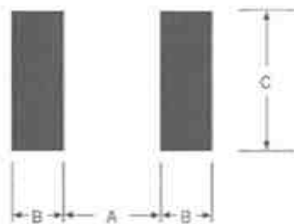


A (mm)		B (mm)		C (mm)		D (mm)		E (mm)	
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
3,00	3,43	2,35	2,80	0,28	0,48	0,25	0,75	0,076	--

Performance Rating:

Range	ICH	IT	V max	I max	Pd typ	Maximum Time to Trip		Resistance:		
	(A)	(A)	(V DC)	(A)	(W)	Current (A)	Time (Sec.)	Rmin (Ω)	Rmax (Ω)	R1max (Ω)
	1,10A	1,100	2,20	6,0	40,0	0,6	5,00	1,00	0,07	0,14

PAD Layout



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

SMT POLY FUSE SIZE 1210

Part No.: **R47003-110**

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
------------------	------	---------

R47003-110	R	TR
-------------------	----------	-----------

110 = 1,10A

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

SMT POLY FUSE	SIZE
	1210
Part No.:	R47003-110
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