

EDCON-COMPONENTS



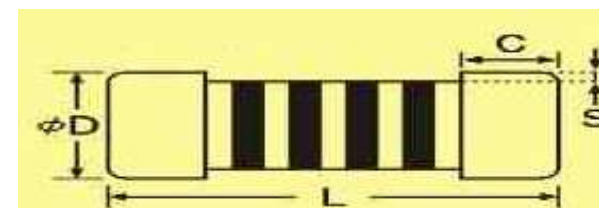
Characteristics

Item	Characteristics	Test Method
Operating Temp. Range	. -55°C ~ 155°C	
Temperature Coefficient	. +/- 350ppm/°C	JIS-C 5202; 5,2
Short Time overload	. +/- 1%	Rating Voltage x 2.5 or Max. Overload voltage for 5 sec.
Overloadability	. +/- 20%	Conditioned at 40°C, 95% R.H. for 21 days. Charged to capacitor (0,01µF) for 2,5 seconds. According to following and discharge for 2,5 seconds, total of 10 cycles 0,25W: 100K Ohm R=<1M Ohm : 3KV 1,1M Ohm <R 6,2M ohm :4KV R= 6,8M ohm : 5KV 0,5W: 100K Ohm R=<1M Ohm : 3KV 1,1M Ohm <R 6,2M ohm :4KV R= 6,8M ohm : 6KV 1W: 100K Ohm R=<1M Ohm : 4KV 1,1M Ohm <R 6,2M ohm :5KV R= 6,8M ohm : 8KV
Temperature cycling	. +/- 1%	.-55°C (30min) / +85°C (30min) for 5 cycle
Load Life Humidity	. +/- 5%	40°C +/- 2°C, 90%~95% R, 1000h, 1,5h "on" / 0,5h "off" cycle
Load Life	. +/- 5%	70°C +/- 2°C, 1000h, 1,5h "on" / 0,5h "off" cycle
Resistance to Soldering heat	. +/- 1%	260°C +/- 5sec, 5sec +/- 1 sec
Solderability	90% Coverage Min.	235°C +/- 5sec, 2sec +/- 0,5 sec
Non-Combustibility	The resistor shall withstand Overload test in accordance with Article UL-94, V-0 without producing a fire hazard.	

Technical Informations

Serie	Size	Dimensions (mm)			S	
		L	D	C	Max	Min
X23025	0309	9,5 / +/-0,3	3,6 / +/-0,3	2,2 / +/-0,2	0,4 / +/- 0,1	

Technical Drawing Case



Packing Informations

Serie	Size	Tape/Reel	Bulk	Carton
X23025	0309	2000PCS	-----	-----

Metal Glaze Film Melf Resistor Size 0309

Part No.: **X23025**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.04.2009
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 4

Customer: email: info@edcon-components.com

www.edcon-components.com

EDCON-COMPONENTS



Range Specification Value

Serie	Size	Ordering Code Power	Power Rating	Max Working Voltage	Max Overload Voltage	Resistance Range	Permissible Pulse Volt		
							Resistance Range		
X23025	0309	D	1,0W	700V	1000V	100K Ohm ~ 100M Ohm	100K ~ 1,0M : 5KV	1,1M ~ 6,2M : 6KV	> 6,8M : 8KV

**Metal Glaze Film Melf
Resistor Size 0309**

Part No.: **X23025**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.04.2009	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	2 from 4		

www.edcon-components.com

email: info@edcon-components.com

EDCON-COMPONENTS



Ordering Informations

Serie	Range Code	Ordering Power Code	T.C.R Code	Tolerance Code	ROHS	Packing Code				
X23025	104	D	5	K	R	TR20				

104= 100K Resistance Range look table	D= 1,0W	5= +/- 350ppm	G= Tol. +/- 2%	R= ROHS Conform	TR20= Tape Reel 2000PCS BU05= Bulk Ware 500PCS
			J= Tol. +/- 5%	N= NON ROHS	
			K= Tol. +/- 10%		

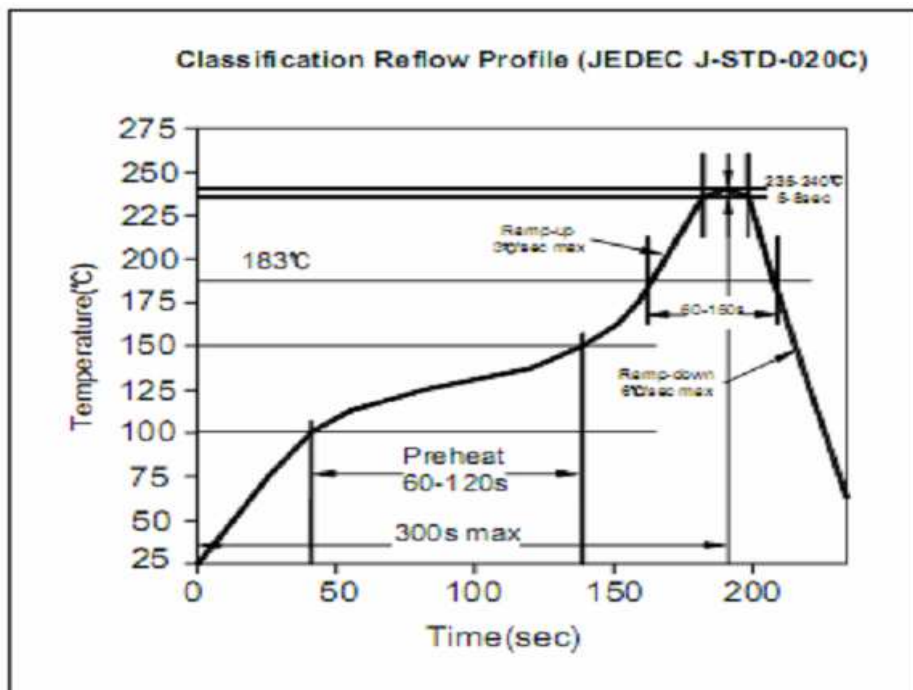
Metal Glaze Film Melf Resistor Size 0309	
Part No.:	X23025
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.04.2009
APPD:	Schumi			FINISH	Jamy		Sheet No.	3 from 4	

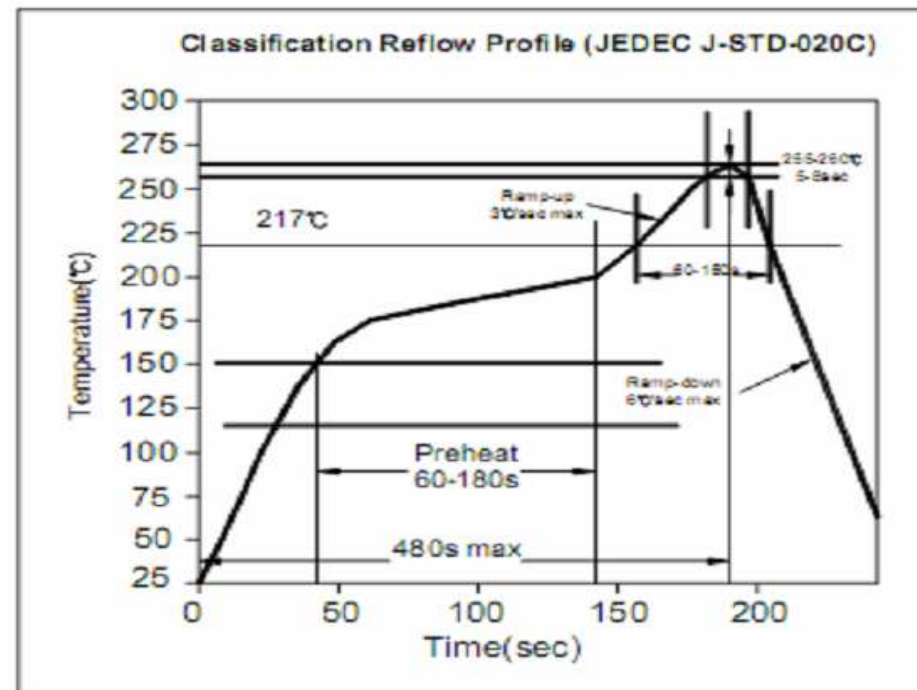


Soldering Profile Curve

Soldering Profile for Lead Soldering



Soldering Profile for Lead Free Soldering



**Metal Glaze Film Melf
Resistor Size 0309**

Part No.: **X23025**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.04.2009	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	4 from 4		