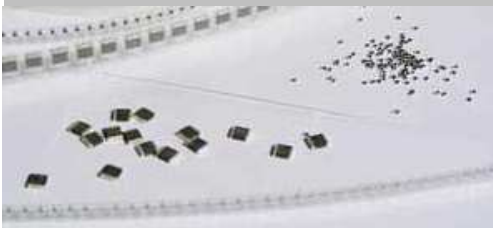


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Technical Discription

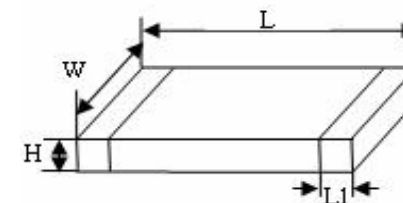
Drawing

Features

- Suitable for ESD Protection
- Low Leakage current
- Low inductance and fast response
- Excellent solderability and high heat resistance for either flow or reflow soldering.

Applications

- LCD dsiplace
- Optical Sensor systems
- ECU protection
- I/O protection systems



Size 0603 / Type 1608

Working Voltage		Breakdown Voltage		Clamping Voltage	Transient energy	Peak Current	Capacitance
DC	AC	at 1mA DC		8/20µs 1A	10/10000µs	8/20µs	at 1KHz
VDC (V)	VRMS (V)	VB (V)	Tol. %	VC (V)	ET (J)	I _p (A)	C (pf)
8	6	12	± 20%	25	0,1	30	200

Dimension (mm)	
L	1,60 ± 0,20
W	0,80 ± 0,20
H	0,80 ± 0,20
L1	0,30 ± 0,20

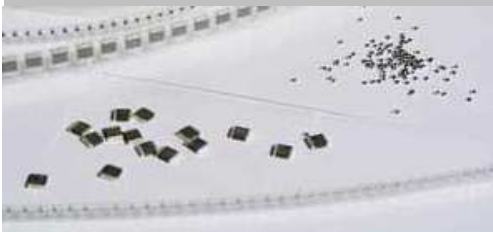
CHIP Varistor Size 0603

Part No.: **W14003**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	12.02.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 3

Customer:

EDCON-COMPONENTS



Ordering Informations

Serie	Working Voltage	Tolerance Code	End-Termination	ROHS	Packing			
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W14003	008	M	N	R	TR			
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008 = 8VDC	M = ±20%	N = Nickel (Standard)	R = ROHS Conform	BU = Bulk-Ware
	K = ±10%	S = Silber		
	L = ±15%		TR = Tape Reel	

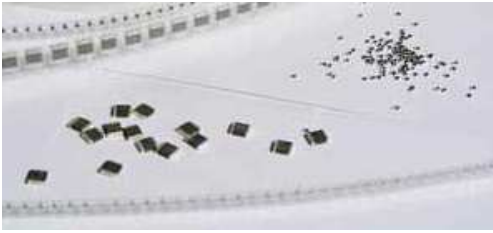
CHIP Varistor Size 0603

Part No.: **W14003**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	12.02.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	2 from 3	Customer:

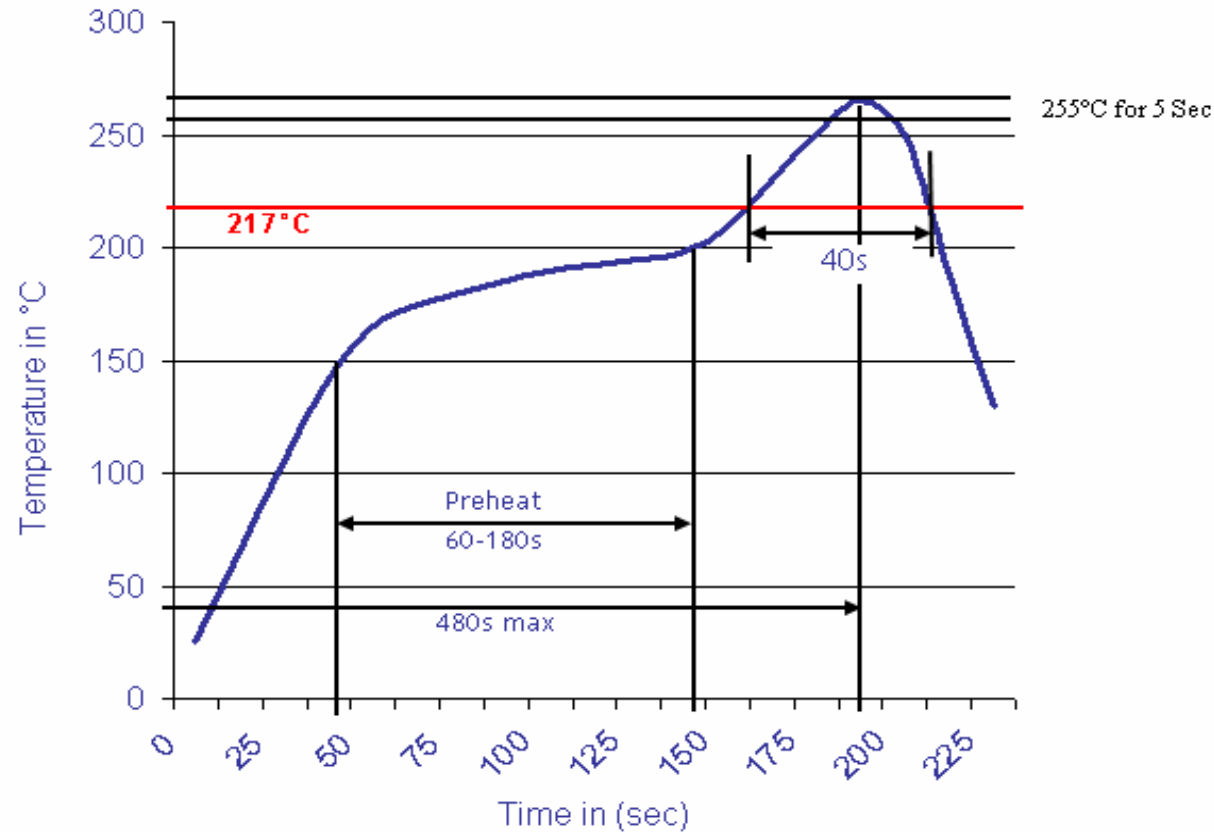
www.edcon-components.com

email: info@edcon-components.com



Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



CHIP Varistor Size 0603

Part No.: **W14003**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	12.02.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	3 from 3	