

EDCON-COMPONENTS



Technical Discription

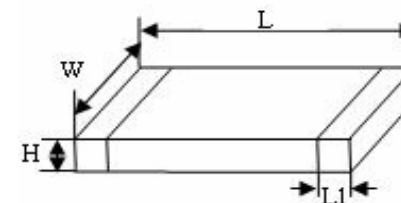
Drawing

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 dsipalce
- Optical Sensor systems
- ECU protection
- I/O protection systems



Size 0402 / Type 1005

Working Voltage		Breakdown Voltage		Clamping Voltage	Transient energy	Peak Current	Capacitance
DC	AC	at 1mA DC		8/20 μ s 1A	10/10000 μ s	8/20 μ s	at 1KHz
VDC (V)	VRMS (V)	VB (V)	Tol. %	VC (V)	ET (J)	I _p (A)	C (pf)
14	10	18	± 20%	45	0,05	10	40

Dimension (mm)	
L	1,00 ± 0,20
W	0,50 ± 0,20
H	0,50 ± 0,20
L1	0,20 ± 0,15

CHIP Varistor Size 0402

Part No.: **W14002**

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

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Ordering Informations

Serie	Working Voltage	Tolerance Code	End-Termination	ROHS	Packing			
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W14002	014	M	N	R	TR			
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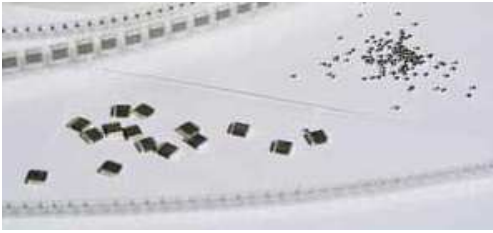
014= 14VDC	M= ±20%	N= Nickel (Standard)	R= ROHS Conform	BU= Bulk-Ware
	K= ±10%	S= Silber		
	L= ±15%		TR= Tape Reel	

CHIP Varistor Size 0402

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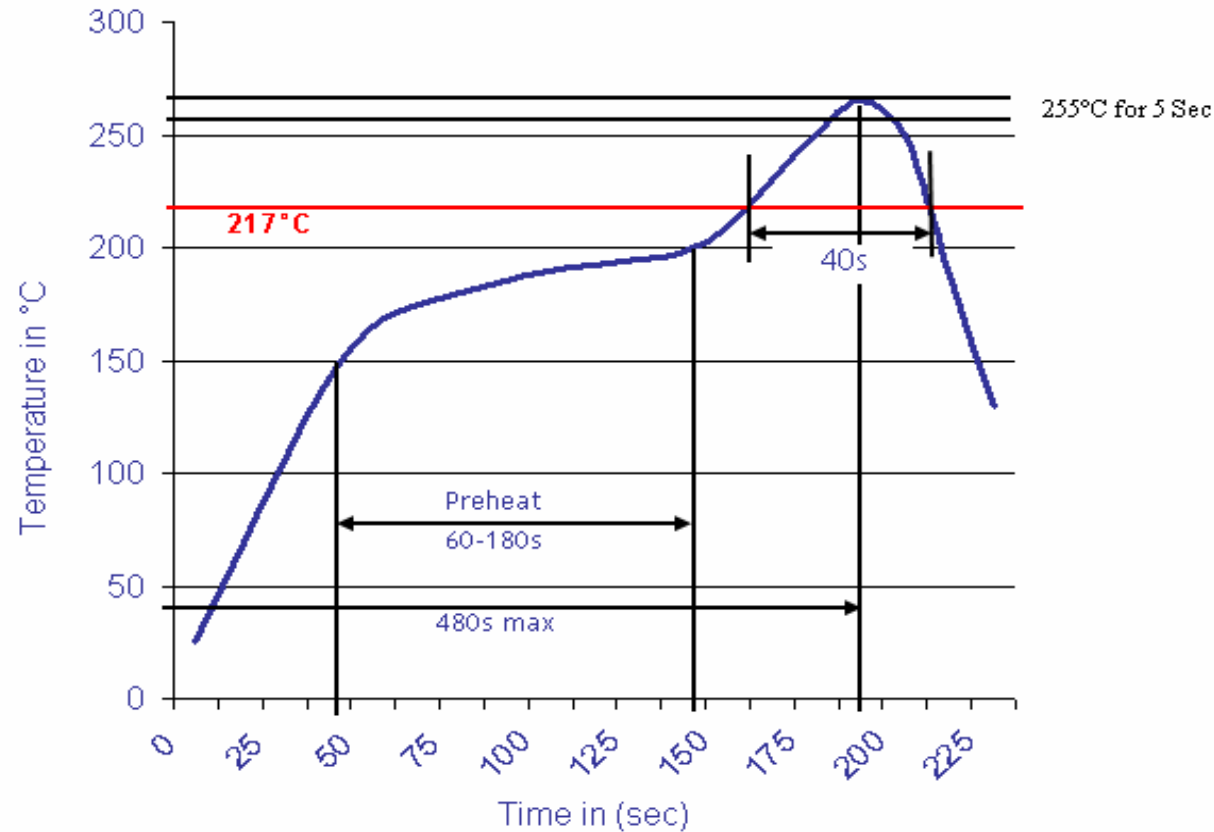
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Customer:



Soldering Profile Curve

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



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