

# EDCON-COMPONENTS



## Technical Discription

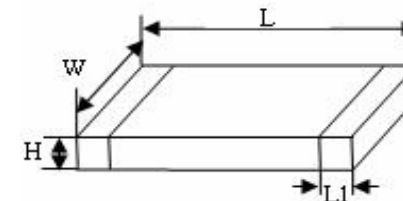
## Drawing

### 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 $\mu$ s 1A	10/10000 $\mu$ s	8/20 $\mu$ s	at 1KHz
VDC (V)	VRMS (V)	VB (V)	Tol. %	VC (V)	ET (J)	I <sub>p</sub> (A)	C (pf)
<b>18</b>	<b>14</b>	<b>25</b>	<b>± 20%</b>	<b>58</b>	<b>0,05</b>	<b>10</b>	<b>40</b>

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
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 3

Customer:

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## Ordering Informations

Serie	Working Voltage	Tolerance Code	End-Termination	ROHS	Packing			
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<b>W14002</b>	<b>018</b>	<b>M</b>	<b>N</b>	<b>R</b>	<b>TR</b>			
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<b>018= 18VDC</b>	<b>M= ±20%</b>	<b>N= Nickel (Standard)</b>	<b>R= ROHS Conform</b>	<b>BU= Bulk-Ware</b>
	<b>K= ±10%</b>	<b>S= Silber</b>		
	<b>L= ±15%</b>		<b>TR= Tape Reel</b>	

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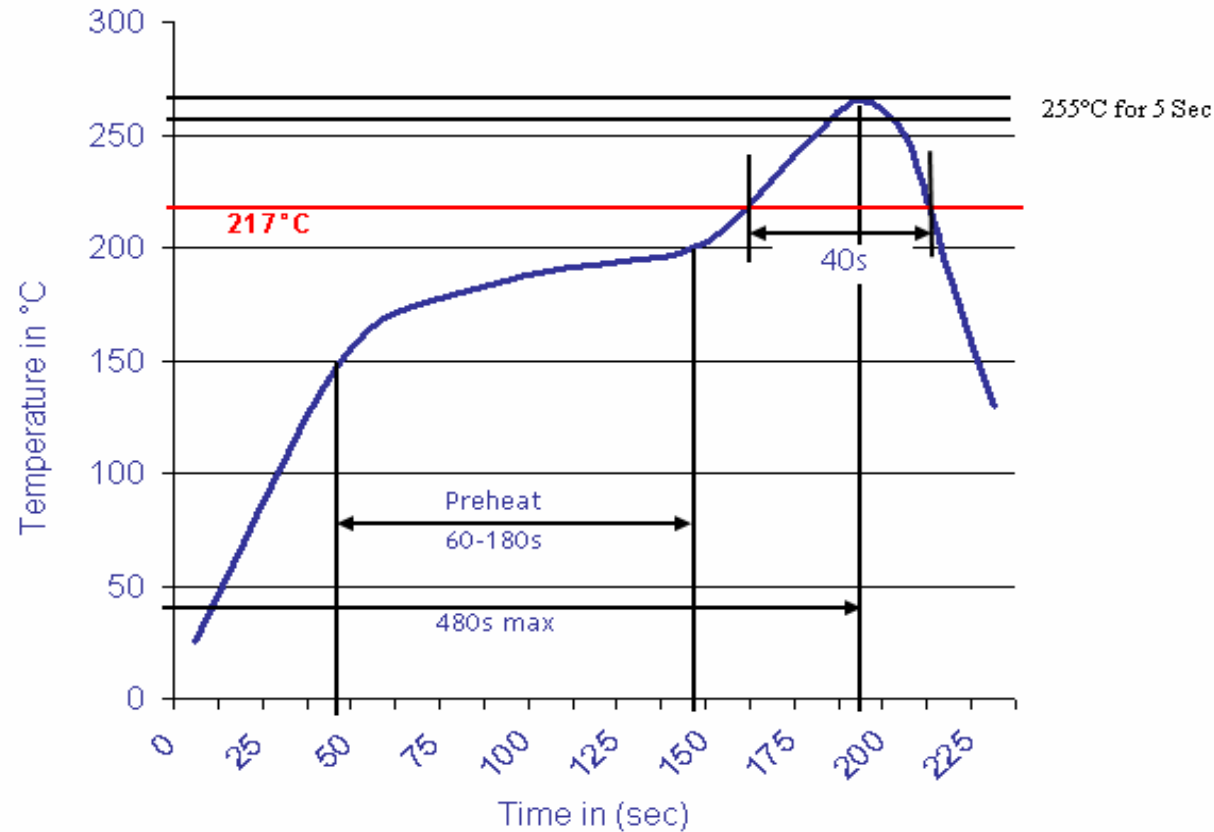
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**Soldering Profile Curve**

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



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