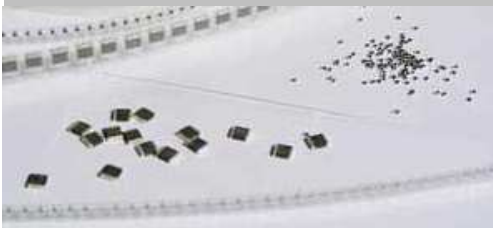


EDCON-COMPONENTS



Technical Discription

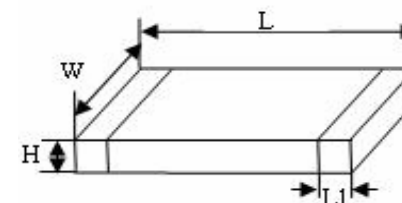
Drawing

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



Size 0603 / Type 1608

| Working Voltage | Breakdown Voltage | | Clamping Voltage | Capacitance | |
|-----------------|-------------------|------------|------------------|-------------|------------|
| DC | at 1mA DC | | 8/20 μ s 1A | at 1MHz | |
| VDC (V) | VB (V) | Tol. % | VC (V) | C (pf) | Δ C |
| 5,6-26 | 120 | $\pm 10\%$ | 200 | 3 | 2-5% |

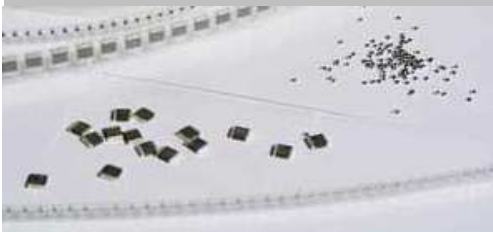
| Dimension (mm) | |
|----------------|-----------------|
| L | 1,60 \pm 0,20 |
| W | 0,80 \pm 0,20 |
| H | 0,80 \pm 0,20 |
| L1 | 0,30 \pm 0,15 |

CHIP Varistor Size 0603

Part No.: **W14014**

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

EDCON-COMPONENTS



Ordering Informations

| Serie | Working Voltage | Tolerance Code | End-Termination | ROHS | Packing | | | |
|-------|-----------------|----------------|-----------------|------|---------|--|--|--|
|-------|-----------------|----------------|-----------------|------|---------|--|--|--|

| | | | | | | | | |
|---------------|------------|----------|----------|----------|-----------|--|--|--|
| W14014 | 121 | M | N | R | TR | | | |
|---------------|------------|----------|----------|----------|-----------|--|--|--|

| | | | | |
|-------------|---------|----------------------|-----------------|---------------|
| 121= 120VDC | M= ±20% | N= Nickel (Standard) | R= ROHS Conform | BU= Bulk-Ware |
| | K= ±10% | S= Silber | | |
| | L= ±15% | | TR= Tape Reel | |

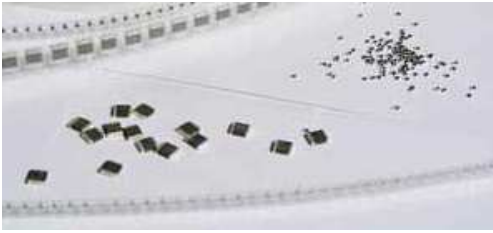
CHIP Varistor Size 0603

Part No.: **W14014**

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

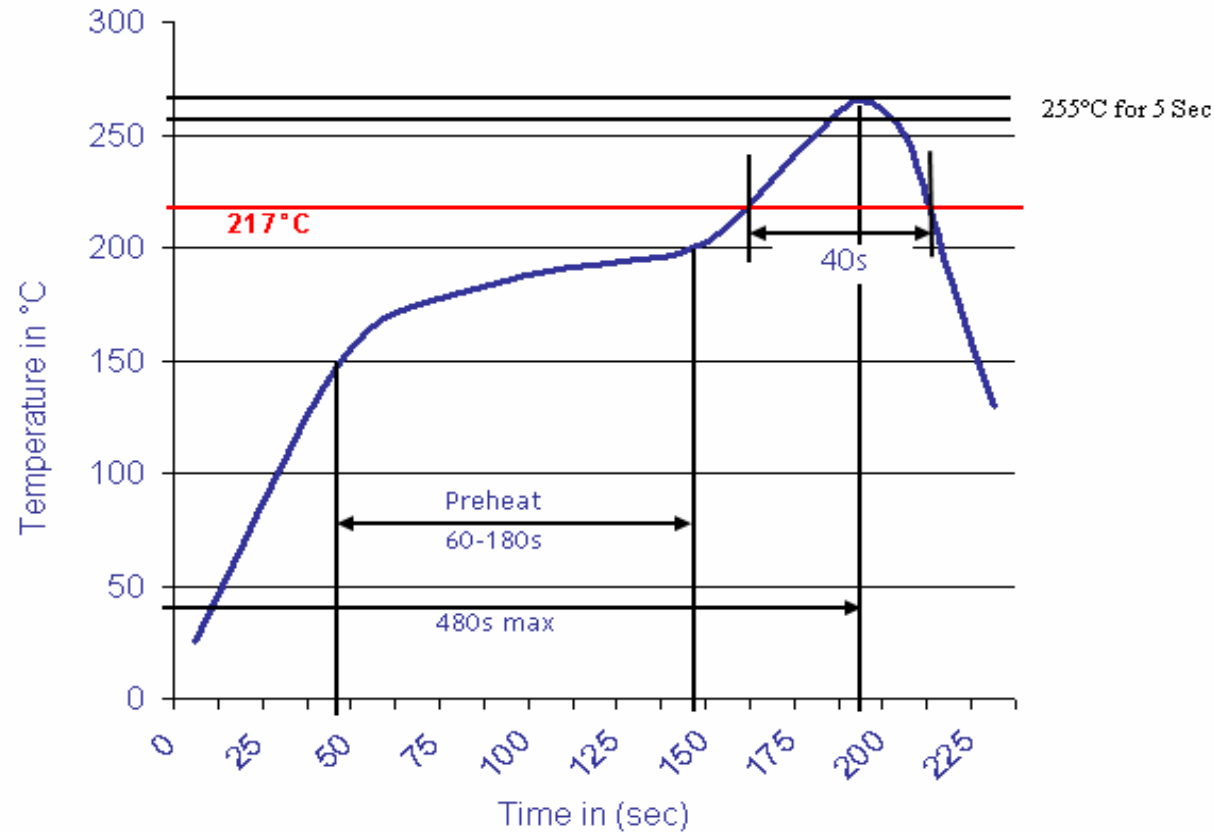
www.edcon-components.com

email: info@edcon-components.com



Soldering Profile Curve

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



CHIP Varistor Size 0603

Part No.: **W14014**

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

Customer: