

EDCON-COMPONENTS



Technical Discription

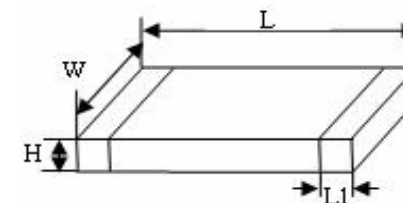
Drawing

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 dsipace
- 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 | | 8/20 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) |
| 22 | 16 | 27 | ± 10% | 58 | 0,1 | 30 | 100 |

| 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 | | | |
|-------|-----------------|----------------|-----------------|------|---------|--|--|--|
|-------|-----------------|----------------|-----------------|------|---------|--|--|--|

| | | | | | | | | |
|---------------|------------|----------|----------|----------|-----------|--|--|--|
| W14003 | 022 | M | N | R | TR | | | |
|---------------|------------|----------|----------|----------|-----------|--|--|--|

| | | | | |
|-------------------|----------------|-----------------------------|------------------------|----------------------|
| 022= 22VDC | 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**

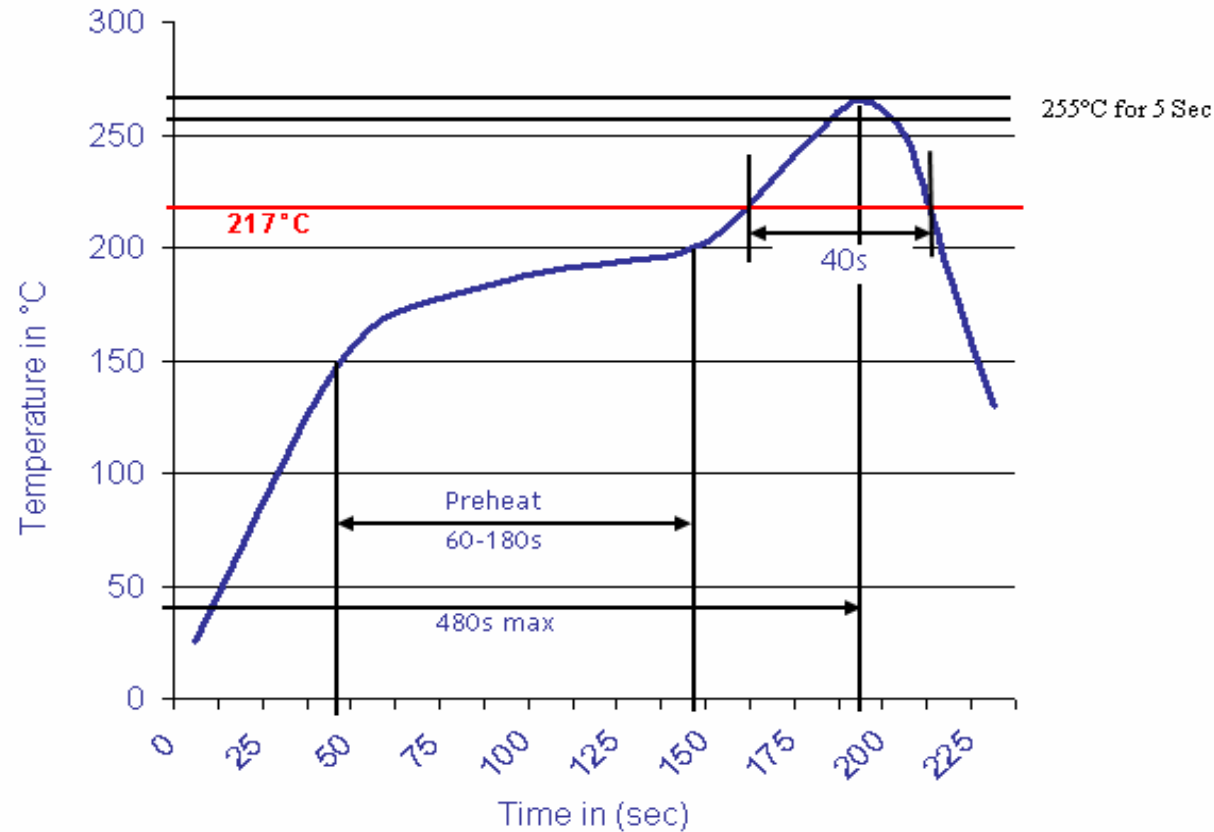
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Customer:



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 | |