

# EDCON-COMPONENTS



## Technical Description

Non-Inductive structure, down-leads axial and horizontally.  
 Wide capacitance range, small size  
 Long life due to self-healing effects.  
 Suitable for block, by-pass and coupling of DC and signals to VHF range  
 Widely used in filter, noise suppression and low pulse circuits.  
 Non-inductive, wound with metalized polyester film as dielectric and electrode, copper-clad steel leads or flexible cord, and outer wrapped with polyester and sealed with epoxy resin.

## Drawing



| Dimension (mm) |    |      |
|----------------|----|------|
| Case Code A    | H= | 19,0 |
|                | L= | 33,0 |

## Specifications

|                       |   |                |
|-----------------------|---|----------------|
| Reference Standard    | GB 7334-87  |                |
|                       | 40 / 85 / 21  |                |
| Reference Standard    | Derating ratio of rated voltage +85°C<br>+ 105°C 1.25% per °C for CR (DC) |                |
| Rated Voltage         | 100V, 160V, 250V, 400V, 630V, 1000V, 1200V                                |                |
| Capacitance Range     | 0,001μF ~ 30μF  |                |
| Capacitance Tolerance | ± 5% (J), ±10% (K), ±20% (M)  |                |
| Voltage Proof         | 1.6Ur (5s)  |                |
| Dissipation Factor    | ≤ 1.0% (20°C, 1KHz)   |                |
| Insulation Resistance | ≥ 7500M Ω (CR ≤ 0,33μF)   | ( 20°C , 1min) |
|                       | ≥ 2500 s (CR ≤ 0,33μF)  |                |

## Metallized Polyester Film Capacitor Axial Type

Part No.: **I32001**

|       |        |      |        |        |        |           |           |          |            |           |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|-----------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 12.07.2010 | Customer: |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 1 from 3 |            |           |

# EDCON-COMPONENTS



## Ordering Informations

| Serie | Voltage | Case Code | Range Code | Tolerance Code | ROHS | Packing |  |  |  |  |
|-------|---------|-----------|------------|----------------|------|---------|--|--|--|--|
|-------|---------|-----------|------------|----------------|------|---------|--|--|--|--|

|               |            |          |            |          |          |             |  |  |  |  |
|---------------|------------|----------|------------|----------|----------|-------------|--|--|--|--|
| <b>I32001</b> | <b>102</b> | <b>A</b> | <b>334</b> | <b>M</b> | <b>R</b> | <b>B101</b> |  |  |  |  |
|---------------|------------|----------|------------|----------|----------|-------------|--|--|--|--|

|                   |                                    |                   |                |                        |                                 |
|-------------------|------------------------------------|-------------------|----------------|------------------------|---------------------------------|
| <b>102=</b> 1000V | <b>A=</b> Look Case Code Dimension | <b>334=</b> 330nF | <b>M=</b> ±20% | <b>R=</b> ROHS Conform | <b>B101=</b> Bulk-Ware 100PCS   |
|                   |                                    |                   | <b>K=</b> ±10% |                        |                                 |
|                   |                                    |                   | <b>J=</b> ±5%  |                        |                                 |
|                   |                                    |                   |                |                        | <b>TR102=</b> Tape Reel 1000PCS |

**Metallized Polyester Film Capacitor Axial Type**

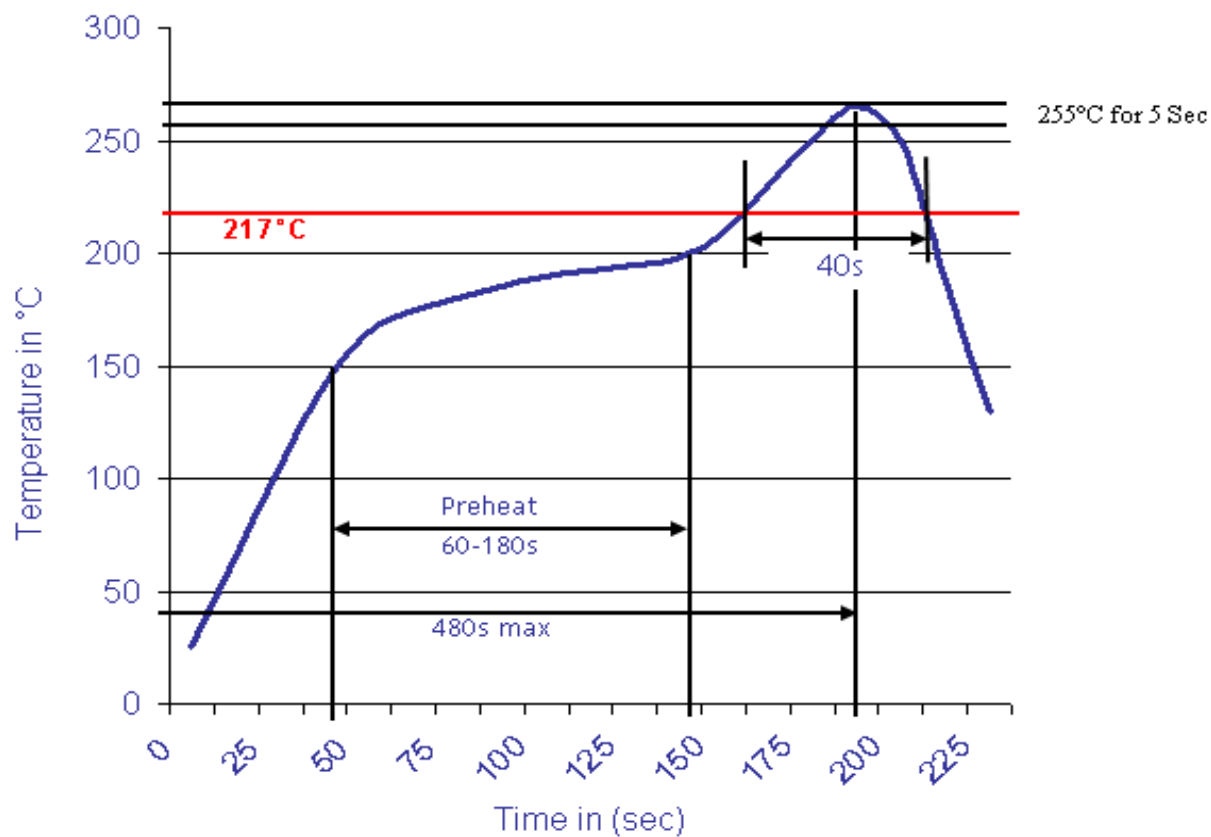
Part No.: **I32001**

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 12.07.2010 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 2 from 3 | Customer:  |



Soldering Profile Curve

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



**Metallized Polyester Film Capacitor Axial Type**

Part No.: **I32001**

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 12.07.2010 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 3 from 3 | Customer:  |