

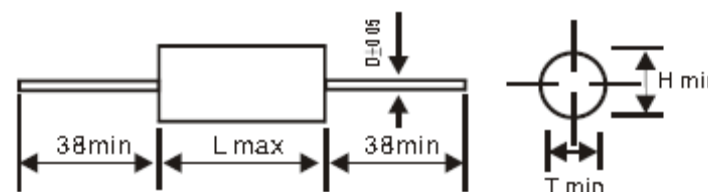
# EDCON-COMPONENTS



## Technical Description

Non-Inductive structure, metallized polyester film non-inductive, wound construction  
 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 metallized 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 B    | H= | 6,0  |
|                | L= | 14,5 |

## Specifications

|                       |   |                |
|-----------------------|---|----------------|
| Reference Standard    | GB/T 7332 (IEC 60384-2)   |                |
|                       | 55 / 105 / 21   |                |
| Reference Standard    | Derating ratio of rated voltage +85°C<br>+ 105°C 1.25% per °C for CR (DC) |                |
| Rated Voltage (VDC)   | 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 | ≥ 33000M Ω (CR ≤ 0,33µF)  | ( 20°C , 1min) |
|                       | ≥ 10000 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>631</b> | <b>B</b> | <b>103</b> | <b>M</b> | <b>R</b> | <b>BU</b> |  |  |  |  |
|---------------|------------|----------|------------|----------|----------|-----------|--|--|--|--|

|                   |                                     |                   |                       |                         |                       |
|-------------------|-------------------------------------|-------------------|-----------------------|-------------------------|-----------------------|
| <b>631</b> = 630V | <b>B</b> = Look Case Code Dimension | <b>103</b> = 10nF | <b>M</b> = ±20%       | <b>R</b> = ROHS Conform | <b>BU</b> = Bulk-Ware |
| <b>K</b> = ±10%   |                                     |                   |                       |                         |                       |
| <b>J</b> = ±5%    |                                     |                   | <b>TR</b> = Tape Reel |                         |                       |

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| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 12.07.2010 |
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Soldering Profile Curve

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



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