

# 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= | 13,5 |
|                | L= | 33,0 |

## 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>401</b> | <b>B</b> | <b>185</b> | <b>M</b> | <b>R</b> | <b>BU</b> |  |  |  |  |
|---------------|------------|----------|------------|----------|----------|-----------|--|--|--|--|

|                  |                                    |                   |                |                        |                      |
|------------------|------------------------------------|-------------------|----------------|------------------------|----------------------|
| <b>401= 400V</b> | <b>B=</b> Look Case Code Dimension | <b>185= 1,8µF</b> | <b>M= ±20%</b> | <b>R= ROHS Conform</b> | <b>BU= Bulk-Ware</b> |
|                  |                                    |                   | <b>K= ±10%</b> |                        |                      |
|                  |                                    |                   | <b>J= ±5%</b>  |                        |                      |
|                  |                                    |                   |                |                        | <b>TR= Tape Reel</b> |

**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**

Customer:

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