

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= | 10,0 |
| | L= | 27,5 |

Specifications

| | | |
|-----------------------|---|----------------|
| Reference Standard | GB/T 7332 (IEC 60384-2) | |
| | 55 / 105 / 21 | |
| Reference Standard | Derating ratio of rated voltage +85°C + 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 | | | | |
|-------|---------|-----------|------------|----------------|------|---------|--|--|--|--|
|-------|---------|-----------|------------|----------------|------|---------|--|--|--|--|

| | | | | | | | | | | |
|---------------|---|------------|----------|------------|----------|----------|-----------|--|--|--|
| I32001 | - | 631 | B | 184 | M | R | BU | | | |
|---------------|---|------------|----------|------------|----------|----------|-----------|--|--|--|

| | | | | | |
|-------------------|-------------------------------------|--------------------|-----------------------|-------------------------|-----------------------|
| 631 = 630V | B = Look Case Code Dimension | 184 = 180nF | M = ±20% | R = ROHS Conform | BU = Bulk-Ware |
| K = ±10% | | | | | |
| J = ±5% | | | TR = Tape Reel | | |

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. | 2 from 3 | |



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 | |