



# DATA SHEET

## Metallized polypropylene film capacitor (Box-Type)

### Serie: I37001

Code / Range **565= 5,6 $\mu$ f**

Code / Volt **161= 160VDC**

Width **32,0 mm**

Height **24,5 mm**

Thickness **15,0 mm**

Pitch **27,5 mm**

**Metallized polypropylene film capacitor (Box-Type)**

Serie No.: **I37001**

Customer:

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 14.05.2011 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 1 from 4 |            |

# EDCON-COMPONENTS



## Features

- Metallized Polypropylen structure
- Low Loss at high frequency
- Small inherent temperature rise
- Plastic case (UL94V-0), Epoxy resin sealing

## Dimensions

### Specifications

|                             |   |
|-----------------------------|---|
| Reference Standard          | GB/T 10190 (IEC 60384-16)   |
| Climatic Category           | 40/105/21   |
| Rated Temperature           | . +85°C   |
| Operating Temperature Range | . -40°C ~ +105°C  |
|                             | (+85°C to +105°C ; decreasing factor 1,25% per °C for V <sub>R</sub> (dc))  |
| Rated Voltage               | 160Vdc(90Vac); 250Vdc(160Vac);<br>400Vdc(220Vac); 630Vdc(250Vac);<br>1000Vdc(400Vac); 1600Vdc(600Vac);<br>2000Vdc(700Vac) |
| Capacitance Range           | 0,00056µF ~ 15,0µF  |
| Capacitance Tolerance       | J=5% , K=10%, N=15%   |
| Voltage Proof               | 2000VAC ( 60s)  |
| Dissipation Factor          | ≤ 0,0020 ( 1KHz, 20°C)  |
| Insulation Resistance       | ≥ 3000s (20°C, 100V, 1Min)  |
| Pitch Width                 | from 5,0mm ~ 27,5mm   |



Case Dimension table

| Case Code | W ±0,4 (mm) | H ±0,4 (mm) | T ±0,4 (mm) | P (mm) |
|-----------|-------------|-------------|-------------|--------|
| <b>A</b>  | 32,0        | 24,5        | 15,0        | 27,5   |

C ±0,5 (mm)

Standard Length 18~26mm (Size by Size)

Short Lead 4,5mm

d ±0,05 (mm)

d= 0,8mm

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Part No.: **I37001**

|       |        |      |        |        |        |           |           |          |            |           |
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# EDCON-COMPONENTS



## Ordering Informations

| Serie | Range | Tolerance | Voltage | Case Code | Pitch Code | Lead Style | Lead Length C | ROHS | Packing Code |  |
|-------|-------|-----------|---------|-----------|------------|------------|---------------|------|--------------|--|
|-------|-------|-----------|---------|-----------|------------|------------|---------------|------|--------------|--|

|               |   |            |          |            |          |          |          |           |          |           |
|---------------|---|------------|----------|------------|----------|----------|----------|-----------|----------|-----------|
| <b>I37001</b> | - | <b>565</b> | <b>M</b> | <b>161</b> | <b>A</b> | <b>B</b> | <b>N</b> | <b>LL</b> | <b>R</b> | <b>BU</b> |
|---------------|---|------------|----------|------------|----------|----------|----------|-----------|----------|-----------|

|                   |                        |                    |                               |                  |                       |   |  |  |
|-------------------|------------------------|--------------------|-------------------------------|------------------|-----------------------|---|--|--|
| <b>565=</b> 5,6µf | <b>M=</b> 20% Standard | <b>161=</b> 160VDC | <b>A=</b> look Case Dimension | <b>B=</b> 27,5mm | <b>N=</b> No function | <b>LL=</b> Long Lead (Standard)<br><b>45=</b> Lead Length 4,5mm | <b>R=</b> ROHS Conform<br><b>N=</b> NON ROHS Conform | <b>BU=</b> Bulk Ware<br><b>TB=</b> Tape Box<br><b>IV=</b> Individual Package |
|                   | <b>K=</b> 10%          |                    |                               |                  |                       |   |  |  |
|                   | <b>J=</b> 5%           |                    |                               |                  |                       |   |  |  |
|                   | <b>H=</b> 3%           |                    |                               |                  |                       |   |  |  |
|                   | <b>G=</b> 2%           |                    |                               |                  |                       |   |  |  |

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Customer:



Soldering Profile Curve

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



|   |               |
|---|---------------|
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| Customer:   |               |

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