



DATA SHEET

Metallized polypropylene film capacitor (Box-Type)

Serie: I37004

Code / Range **125= 1,2 μ f**

Code / Volt **631= 630VDC**

Width **32,0 mm**

Height **24,5 mm**

Thickness **15,0 mm**

Pitch **27,5 mm**

Metallized polypropylene film capacitor (Box-Type)

Serie No.: **I37004**

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 _R (dc)) |
| Rated Voltage | 160Vdc(90Vac); 250Vdc(160Vac); 400Vdc(220Vac); 630Vdc(250Vac); 1000Vdc(400Vac); 1600Vdc(600Vac); 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) |
|-----------|-------------|-------------|-------------|--------|
| A | 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

Metallized polypropylene film capacitor (Box-Type)

Part No.: **I37004**

| | | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|-----------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 14.05.2011 | Customer: |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 2 from 4 | | |

EDCON-COMPONENTS



Ordering Informations

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

| | | | | | | | | | | |
|---------------|---|------------|----------|------------|----------|----------|----------|-----------|----------|-----------|
| I37004 | - | 125 | M | 631 | A | B | N | LL | R | BU |
|---------------|---|------------|----------|------------|----------|----------|----------|-----------|----------|-----------|

| | | | | | | | | |
|-------------------|---------------------------|--------------------|----------------------------------|------------------|--------------------------|---------------------------------------|----------------------------------|----------------------------------|
| 125= 1,2µf | M= 20% Standard | 631= 630VDC | A= look Case Dimension | B= 27,5mm | N= No function | LL= Long Lead (Standard) | R= ROHS Conform | BU= Bulk Ware |
| | K= 10% | | | | | 45= Lead Length 4,5mm | N= NON ROHS Conform | TB= Tape Box |
| | J= 5% | | | | | | | IV= Individual Package |
| | H= 3% | | | | | | | |
| | G= 2% | | | | | | | |

Metallized polypropylene film capacitor (Box-Type)

Part No.: **I37004**

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 14.05.2011 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | | 3 from 4 |

Customer:



Soldering Profile Curve

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



| | |
|---|---------------|
| Metallized polypropylene film capacitor (Box-Type) | |
| Part No.: | I37004 |
| Customer: | |

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