



DATA SHEET

Metallized polypropylene film capacitor Box-Type

Serie: I40003

Code / Range **103= 0,010 μ f**

Code / Volt **601= 600VAC**

Width **13,0 mm**

Height **13,0 mm**

Thickness **7,0 mm**

Pitch **10,0 mm**

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capacitor Box-Type**

Serie No.: **I40003**

Customer:

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 21.05.2011 |
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Features

Low Cost at high frequency

Small inherent temperature rise, high temperature range

Plastic case (UL94V-0) Epoxy resin sealing

Dimensions

Applications

Pulse applications with high A.C. voltage and high current

Electrical lighting (i.e. Electric ballast, E-HID)

High frequency A.C.loads

Specifications

| | | |
|-----------------------------------|---|--|
| Referance Standard | GB/T 14579 (IEC 60384-17) | |
| Climatic Category | 55/125/56 | |
| Rated Temperature | +85°C | |
| Operating Temperature Range | -55°C ~ +125°C | |
| | (+85°C to +125°C ; decreasing factor 1,25% per °C for V _R (dc) | |
| Voltage Proof (Between Terminals) | 1.60U _R (5s) | |
| Capacitance Tolerance | H=3% , J=5%, K=10% | |
| Disspation Factor | ≤ 0,0010 (1KHz, 20°C) | |
| Insulation Resistance | ≥75 * 10 ³ MΩ (20°C, 100V ,1min) | |
| Pitch Width | from 7,5mm ~ 22,5mm | |

| Rated Voltage | 400VAC | | 500VAC | | 600VAC | | 700VAC | | 900VAC | |
|---------------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| Pitch (mm) | 7,5 | ≥7,5 | 7,5 | ≥7,5 | ≤10,0 | ≥10,0 | 10 | ≥10,0 | 15 | ≥15,0 |
| VDC © | 1000 | 1300 | 1300 | 1400 | 1400 | 1600 | 1600 | 2000 | 2500 | |



Case Dimension table

| Case Code | W ±0,4 (mm) | H ±0,4 (mm) | T ±0,4 (mm) | P (mm) |
|-----------|-------------|-------------|-------------|--------|
| A | 13,0 | 13,0 | 7,0 | 10,0 |

C ±0,5 (mm)

Standard Length 18~26mm (Size by Size)

Short Lead 4,5mm

d ±0,05 (mm)

d= 0,6mm

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| | | | | | | | | | | |
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Ordering Informations

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

| | | | | | | | | | | |
|---------------|---|------------|----------|------------|----------|----------|----------|-----------|----------|-----------|
| I40003 | - | 103 | K | 601 | A | 4 | N | LL | R | BU |
|---------------|---|------------|----------|------------|----------|----------|----------|-----------|----------|-----------|

| | | | | | | | | |
|----------------------|----------------------------|------------------------|-----------------------------------|-------------------|---------------------------|--|-----------------------------------|-----------------------------------|
| 103 = 0,010µf | K = 10% Standard | 601 = 600VAC | A = look Case Dimension | 4 = 10,0mm | N = No function | LL = Long Lead (Standard) | R = ROHS Conform | BU = Bulk Ware |
| | J = 5% | | | | | 45 = Lead Length 4,5mm | N = NON ROHS Conform | TB = Tape Box |
| | H = 3% | | | | | | | IV = Individual Package |

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Customer:



Soldering Profile Curve

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



| | |
|---|---------------|
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