



# DATA SHEET

**Uncoated Metallized Polyethelene Naphthalate Film Capacitor Stacked Type**

**Serie: I19009**

Code / Range **473= 0,047 $\mu$ f**

Code / Volt **401= 400VDC**

Width **6,5 mm**

Height **7,3 mm**

Thickness **4,3 mm**

Pitch **5,0 mm**

|   |               |
|---|---------------|
| <b>Uncoated Metallized<br/>Polyethelene Naphthalate Film<br/>Capacitor Stacked Type</b> |               |
| Serie No.:  | <b>I19009</b> |

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 11.06.2011 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 1 from 4   |

Customer:

# EDCON-COMPONENTS



## Features

High pulse strength  
 High reliability  
 Operating temperature: -55°C ~ +150°C

## Applications

Widely used in high-power CFL and electrical lighting (i.e, Automotive HID-Lamps)  
 DC impulse and pulse circuits ( High temperature condition)

## Specifications

|  |   |      |      |      |       |
|--|---|------|------|------|-------|
| Reference Standard                     | Q/ 052-2008   |      |      |      |       |
| Climatic Category                      | 55/150/56   |      |      |      |       |
| Rated Temperature                      | 125°C   |      |      |      |       |
| Operating Temperature Range            | -55°C ~ +150°C<br>(+125°C to +150°C ; decreasing factor 1,25% per °C for V <sub>R</sub> (dc)) |      |      |      |       |
| Rated Voltage                          | 250, 400, 630, 1000Volt   |      |      |      |       |
| Capacitance Range                      | 0,0010 ~ 0,22µF   |      |      |      |       |
| Voltage Proof (Between Terminals)      | 1.40U <sub>R</sub> (2s)   |      |      |      |       |
| Capacitance Tolerance                  | J=5% , K=10% , M=20%  |      |      |      |       |
| Dissipation Factor                     | ≤ 0,0080 (20°C, 1KHz)<br>≤ 0,0150 (20°C, 10KHz)   |      |      |      |       |
| Insulation Resistance                  | ≥ 10GΩ (20°C, 100V , 1min )   |      |      |      |       |
| Maximum Pulse Rise Time<br>dV/dt (V/s) | UR /P(mm)   | 250V | 400V | 630V | 1000V |
|  | 5,0   | 250  | 300  | 2000 | 3000  |
|  | 7,5   | 200  | 275  | 1600 | 2000  |
|  | 10,0  | 150  | 175  | 1000 | 1500  |

## Dimensions



## Case Dimension table

| Case Code        | W ±0,4 (mm)                            | H ±0,4 (mm) | T ±0,4 (mm) | P (mm) |
|------------------|--|-------------|-------------|--------|
| <b>A</b>         | 6,5                                    | 7,3         | 4,3         | 5,0    |
| C ±0,5 (mm)      | Standard Length 18~22mm (Size by Size) |             |             |        |
| Short Lead 4,5mm |  |             |             |        |

d ±0,05 (mm)

d= 0,6mm

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Customer:

# EDCON-COMPONENTS



## Ordering Informations

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

|               |            |          |            |          |          |          |           |          |           |  |
|---------------|------------|----------|------------|----------|----------|----------|-----------|----------|-----------|--|
| <b>I19009</b> | <b>473</b> | <b>M</b> | <b>401</b> | <b>A</b> | <b>2</b> | <b>N</b> | <b>LL</b> | <b>R</b> | <b>BU</b> |  |
|---------------|------------|----------|------------|----------|----------|----------|-----------|----------|-----------|--|

|                     |   |                    |                               |                 |                       |   |  |  |
|---------------------|---|--------------------|-------------------------------|-----------------|-----------------------|---|--|--|
| <b>473=</b> 0,047µf | <b>M=</b> 20% Standard<br><b>K=</b> 10%<br><b>J=</b> 5% | <b>401=</b> 400VDC | <b>A=</b> look Case Dimension | <b>2=</b> 5,0mm | <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 |
|---------------------|---|--------------------|-------------------------------|-----------------|-----------------------|---|--|--|

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Customer:



Soldering Profile Curve

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



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