



DATA SHEET

Uncoated Metallized Polyethelene Naphthalate Film Capacitor Stacked Type

Serie: I19011

Code / Range **332= 0,0033 μ f**

Code / Volt **102= 1000VDC**

Width **9,0 mm**

Height **5,5 mm**

Thickness **3,7 mm**

Pitch **7,5 mm**

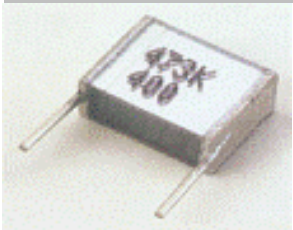
**Uncoated Metallized
Polyethelene Naphthalate Film
Capacitor Stacked Type**

Serie No.: **I19011**

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| 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 | | | | |
| | (+125°C to +150°C ; decreasing factor 1,25% per °C for V _R (dc) | | | | |
| Rated Voltage | 250, 400, 630, 1000Volt | | | | |
| Capacitance Range | 0,0010 ~ 0,22µF | | | | |
| Voltage Proof (Between Terminals) | 1.40U _R (2s) | | | | |
| Capacitance Tolerance | J=5% , K=10% , M=20% | | | | |
| Dissipation Factor | ≤ 0,0080 (20°C, 1KHz) | | | | |
| | ≤ 0,0150 (20°C, 10KHz) | | | | |
| Insulation Resistance | ≥ 10GΩ (20°C, 100V , 1min) | | | | |
| Maximum Pulse Rise Time 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) |
|--|-------------|-------------|-------------|--------|
| A | 9,0 | 5,5 | 3,7 | 7,5 |
| 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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| | | | | | | | | | |
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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 | |
|-------|-------|-----------|---------|-----------|------------|------------|-----------------|------|--------------|--|
|-------|-------|-----------|---------|-----------|------------|------------|-----------------|------|--------------|--|

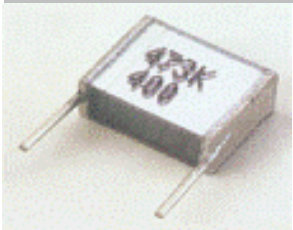
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|---------------|------------|----------|------------|----------|----------|----------|-----------|----------|-----------|--|
| I19011 | 332 | M | 102 | A | 3 | N | LL | R | BU | |
|---------------|------------|----------|------------|----------|----------|----------|-----------|----------|-----------|--|

| | | | | | | | | |
|-------------------------|--|------------------------|----------------------------------|-----------------|--------------------------|---|---|---|
| 332= 0,0033µf | M= 20% Standard K= 10% J= 5% | 102= 1000VDC | A= look Case Dimension | 3= 7,5mm | N= No function | LL= Long Lead (Standard) 45= Lead Length 4,5mm | R= ROHS Conform N= NON ROHS Conform | BU= Bulk Ware TB= Tape Box IV= Individual Package |
|-------------------------|--|------------------------|----------------------------------|-----------------|--------------------------|---|---|---|

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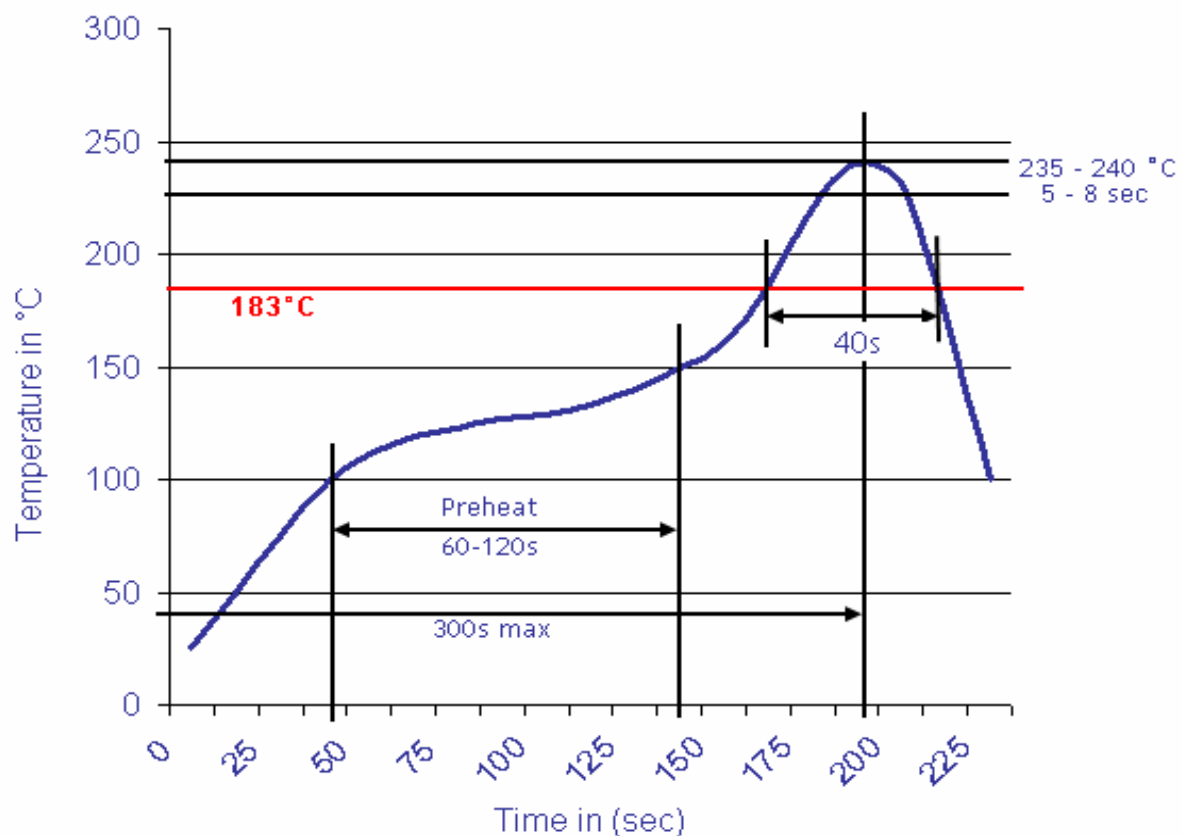
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Soldering Profile Curve

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



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