



DATA SHEET

Metallized polypropylene film interference suppression capacitor Class Y1 440Vac

Serie: I35001

Code / Range **682= 0,0068µf**

Code / Volt **441= 440VAC**

Width **17,5 mm**

Height **16,0 mm**

Thickness **10,0 mm**

Pitch **15,0 mm**

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interference suppression
capacitor Class Y1 440Vac**

Serie No.: **I35001**

Customer:

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 20.05.2011 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 1 from 5 | |



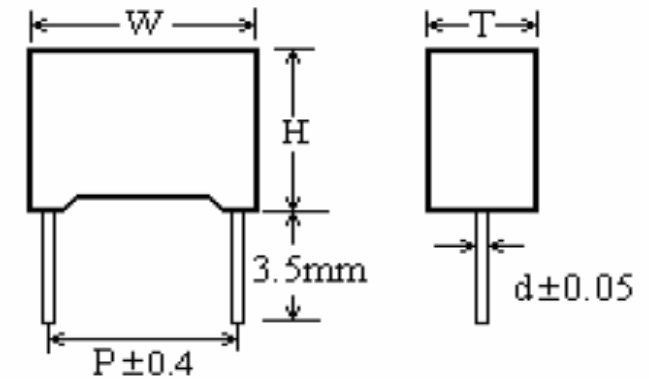
Features

- Metallized polypropylene structure
- Withstanding overvoltage stressing
- Excellent active and passive flame resistant abilities
- Widely used in line-by-pass antenna Coupling, interference suppression circuit, etc.

Dimensions

Specifications

| | | |
|---|--|-----------------------------------|
| Climatic Category/ passive Flammability Class | 40/110/56B | |
| Operating Temperature Range: | . -40°C ~ +110°C | |
| Class | Y1 | |
| Rated Voltage: | 440VAC | |
| Maximum continuous AC voltage | 750VAC | |
| Maximum continuous DC voltage | 3000VDC | |
| Capacitance Range: | 0,00047μF ~ 0,022μF | |
| Capacitance Tolerance: | ± 10% (K), ± 20% (M) | |
| Voltage Proof | Between Terminals: | 4000 (Vacc) (2s) |
| | Between Terminals to Case: | 4000 (Vac) (1min) |
| Insulation Resistance | ≥15000MΩ | (20°C, 100V, 1min) |
| Dissipation Factor | ≤10x10 ⁻⁴ (1kHz,20°C) | ≤20x10 ⁻⁴ (10kHz,20°C) |
| | IEC 60384-14:2005(ed3), Y1, 440VAC, 0,00047μF ~ 0,022μF, 40/110/56B Certificate No. CQC10001044432 | |



| Case Dimension table | | | | |
|----------------------|-------------|-------------|-------------|--------|
| Case Code | W ±0,4 (mm) | H ±0,4 (mm) | T ±0,4 (mm) | P (mm) |
| A | 17,5 | 16,0 | 10,0 | 15,0 |

| | |
|-----------------------|--|
| C ±0,5 (mm) | |
| Standard Length 3,5mm | |

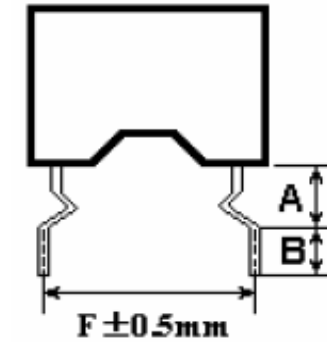
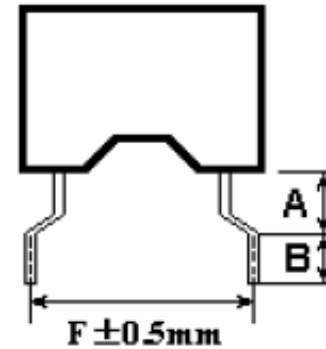
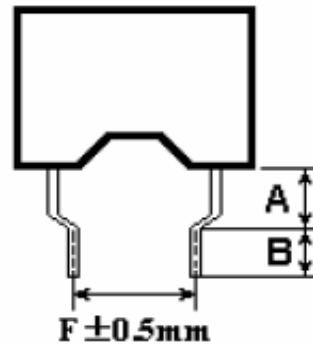
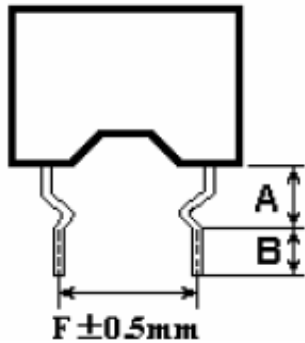
| | |
|--------------|--|
| d ±0,05 (mm) | |
| d= 0,8mm | |

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| | | | | | | | | | | |
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Lead Style Information



Lead Style A -Type
 0mm ≤P-F≤3mm

Lead Style B -Type
 3mm ≤P-F≤8mm

Lead Style C -Type
 3mm ≤P-F≤5mm

Lead Style D -Type
 0mm ≤P-F≤3mm

F±1,0mm; A≤5,0mm; B=3,5±0,5mm

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Customer:



Ordering Informations

| Serie | Range | Tolerance | Voltage | Case Code | Pitch Code | Lead Style | Lead Length C | ROHS | Packing Code | |
|---------------|------------|-----------|------------|-----------|------------|------------|---------------|----------|--------------|--|
| I35001 | 682 | M | 441 | A | 6 | A | 35 | R | BU | |

| | | | | | | | | |
|-------------------------|--|-----------------------|----------------------------------|------------------|--|------------------------------------|---|---|
| 682= 0,0068µf | M= 20% Standard K= 10% | 441= 440VAC | A= look Case Dimension | 6= 15,0mm | A= Standard B= Type C= Type D= Type E= Type | 35= Lead Length 3,5mm | R= ROHS Conform N= NON ROHS Conform | BU= Bulk Ware TB= Tape Box IV= Individual Package |
|-------------------------|--|-----------------------|----------------------------------|------------------|--|------------------------------------|---|---|

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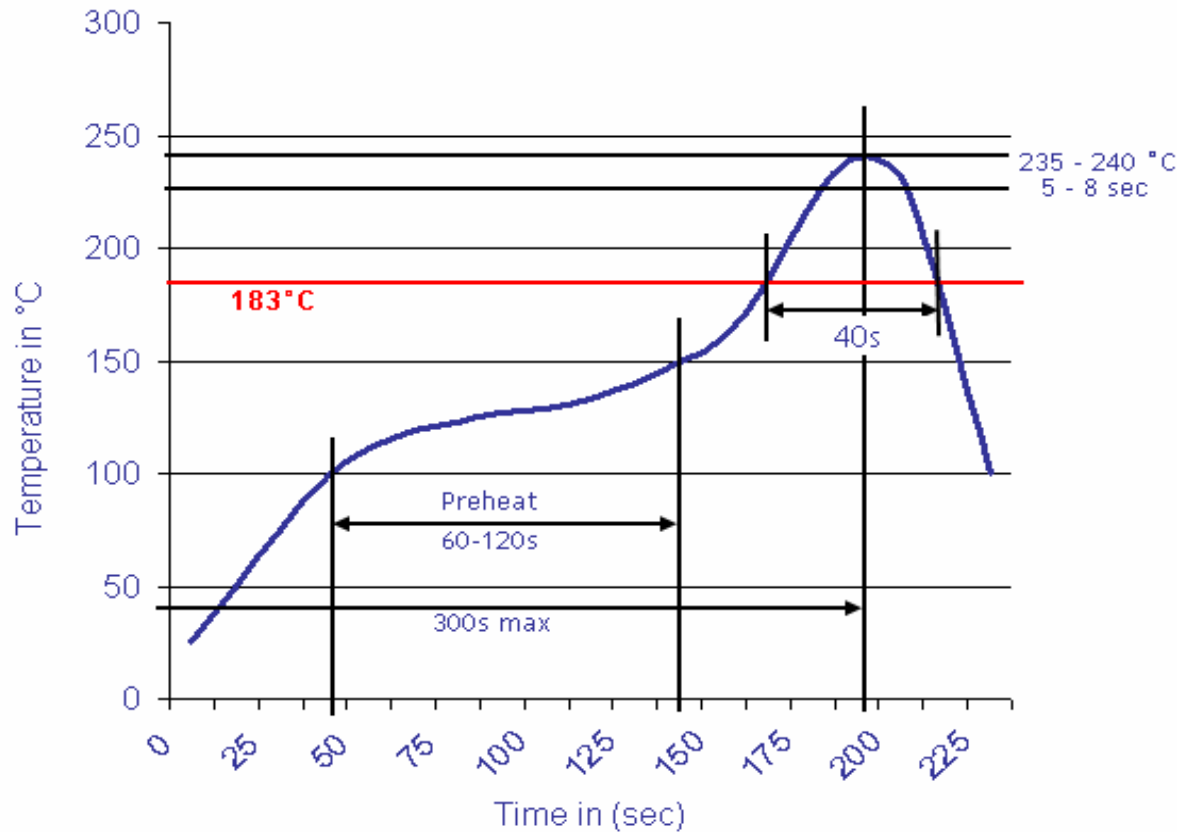
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Soldering Profile Curve

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



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