



# DATA SHEET

**Metallized polypropylene film interference suppression capacitor Class Y1 440Vac**

**Serie: I35001**

Code / Range **103= 0,010 $\mu$ f**

Code / Volt **441= 440VAC**

Width **26,5 mm**

Height **17,0 mm**

Thickness **8,5 mm**

Pitch **22,5 mm**

**Metallized polypropylene film  
interference suppression  
capacitor Class Y1 440Vac**

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

Customer:




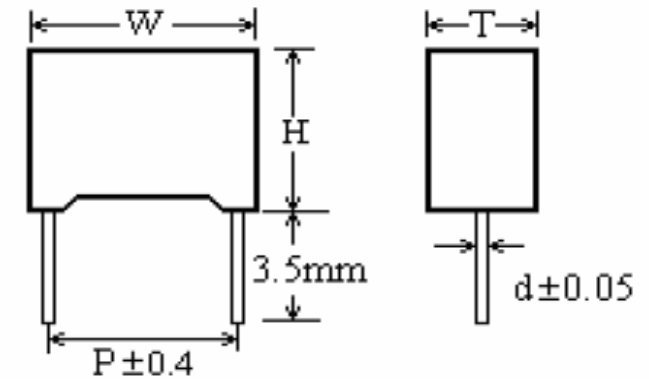
**Features**

- 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 <sup>-4</sup> (1kHz,20°C)	≤20x10 <sup>-4</sup> (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)
<b>A</b>	26,5	17,0	8,5	22,5

C ±0,5 (mm)	
Standard Length 3,5mm	

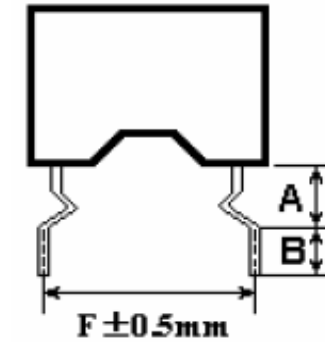
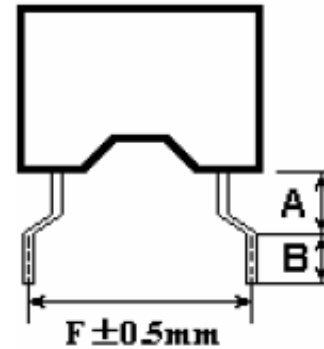
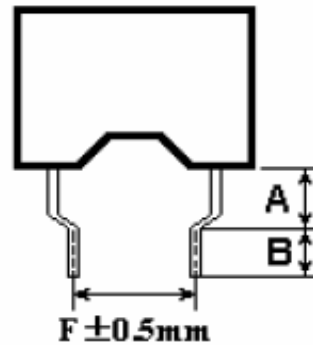
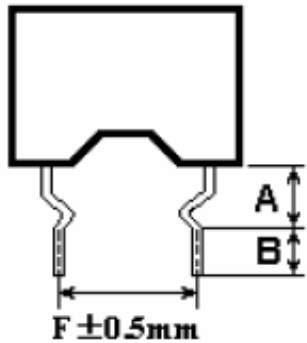
d ±0,05 (mm)	
d= 0,8mm	

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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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**Ordering Informations**

Serie	Range	Tolerance	Voltage	Case Code	Pitch Code	Lead Style	Lead Length C	ROHS	Packing Code	
<b>I35001</b>	<b>103</b>	<b>M</b>	<b>441</b>	<b>A</b>	<b>9</b>	<b>A</b>	<b>35</b>	<b>R</b>	<b>BU</b>	

<b>103</b> = 0,010µf	<b>M</b> = 20% Standard <b>K</b> = 10%	<b>441</b> = 440VAC	<b>A</b> = look Case Dimension	<b>9</b> = 22,5mm	<b>A</b> = Standard <b>B</b> = Type <b>C</b> = Type <b>D</b> = Type <b>E</b> = Type	<b>35</b> = Lead Length 3,5mm	<b>R</b> = ROHS Conform <b>N</b> = NON ROHS Conform	<b>BU</b> = Bulk Ware <b>TB</b> = Tape Box <b>IV</b> = Individual Package
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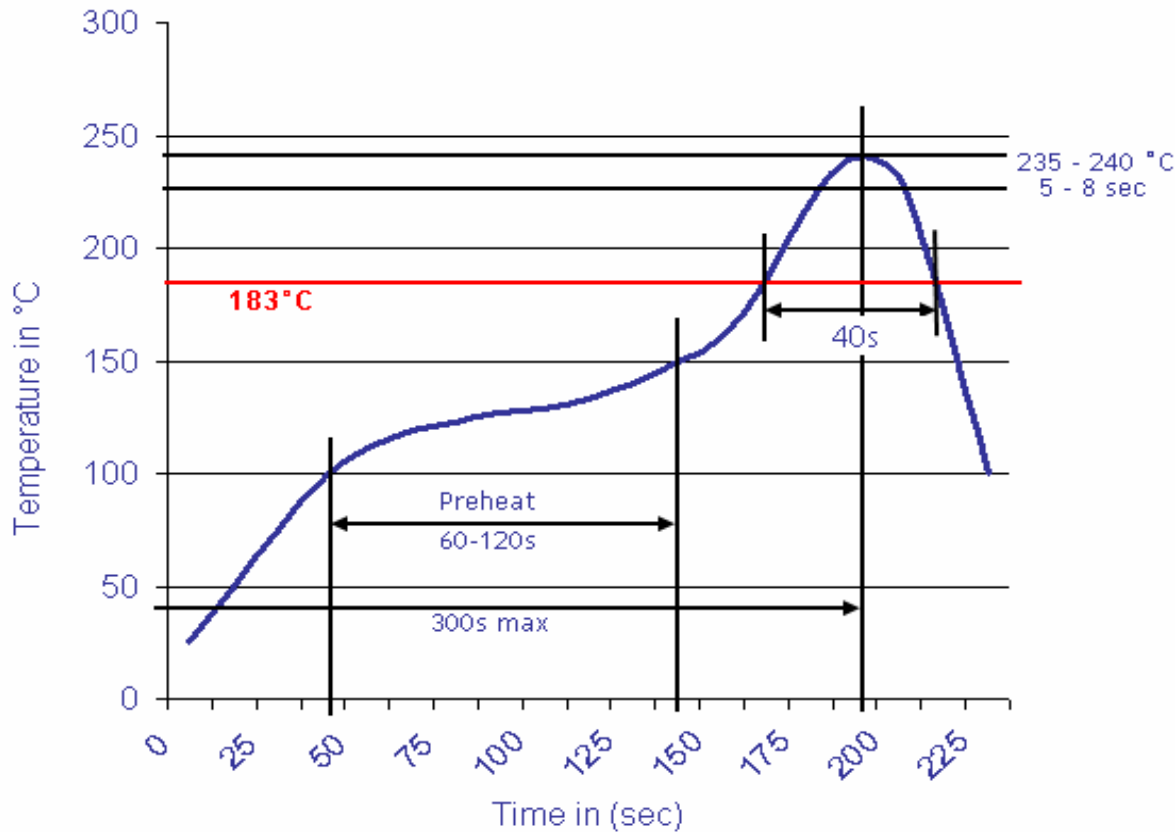
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**Soldering Profile Curve**

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



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