



DATA SHEET

Metallized polypropylene film interference suppression capacitor Class Y1 440Vac

Serie: I35001

Code / Range **502= 0,0050µf**

Code / Volt **441= 440VAC**

Width **17,5 mm**

Height **14,5 mm**

Thickness **8,5 mm**

Pitch **15,0 mm**

**Metallized polypropylene film
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	

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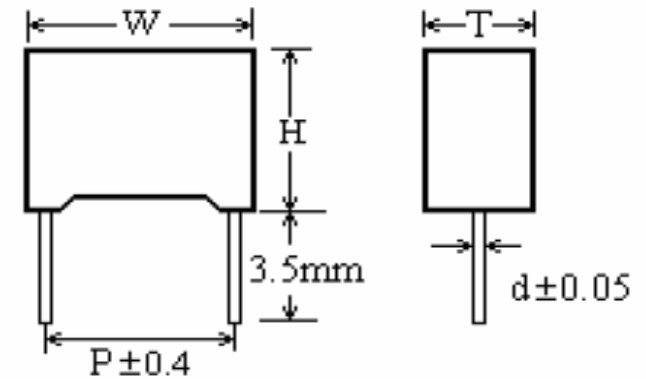
Features

- 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	14,5	8,5	15,0

C ±0,5 (mm)	
Standard Length 3,5mm	

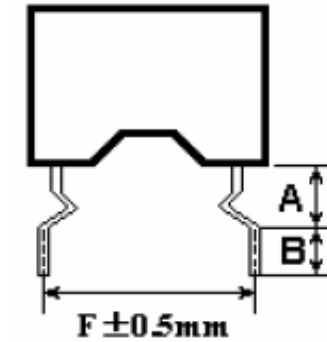
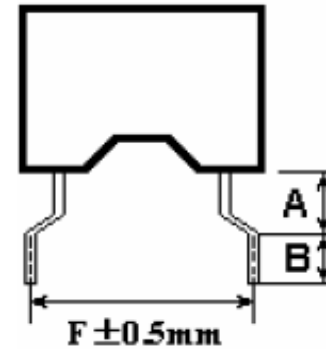
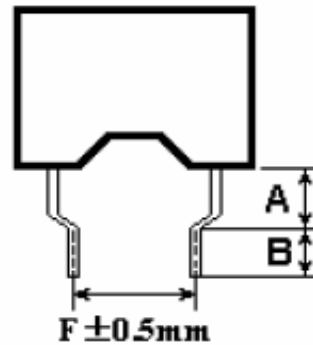
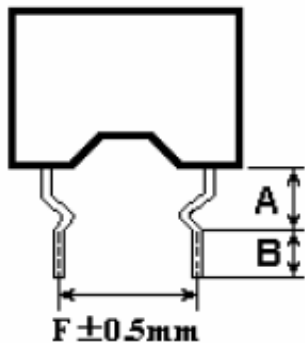
d ±0,05 (mm)	
d= 0,8mm	

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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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Customer:



Ordering Informations

Serie	Range	Tolerance	Voltage	Case Code	Pitch Code	Lead Style	Lead Length C	ROHS	Packing Code	
I35001	502	M	441	A	6	A	35	R	BU	

502= 0,0050µf	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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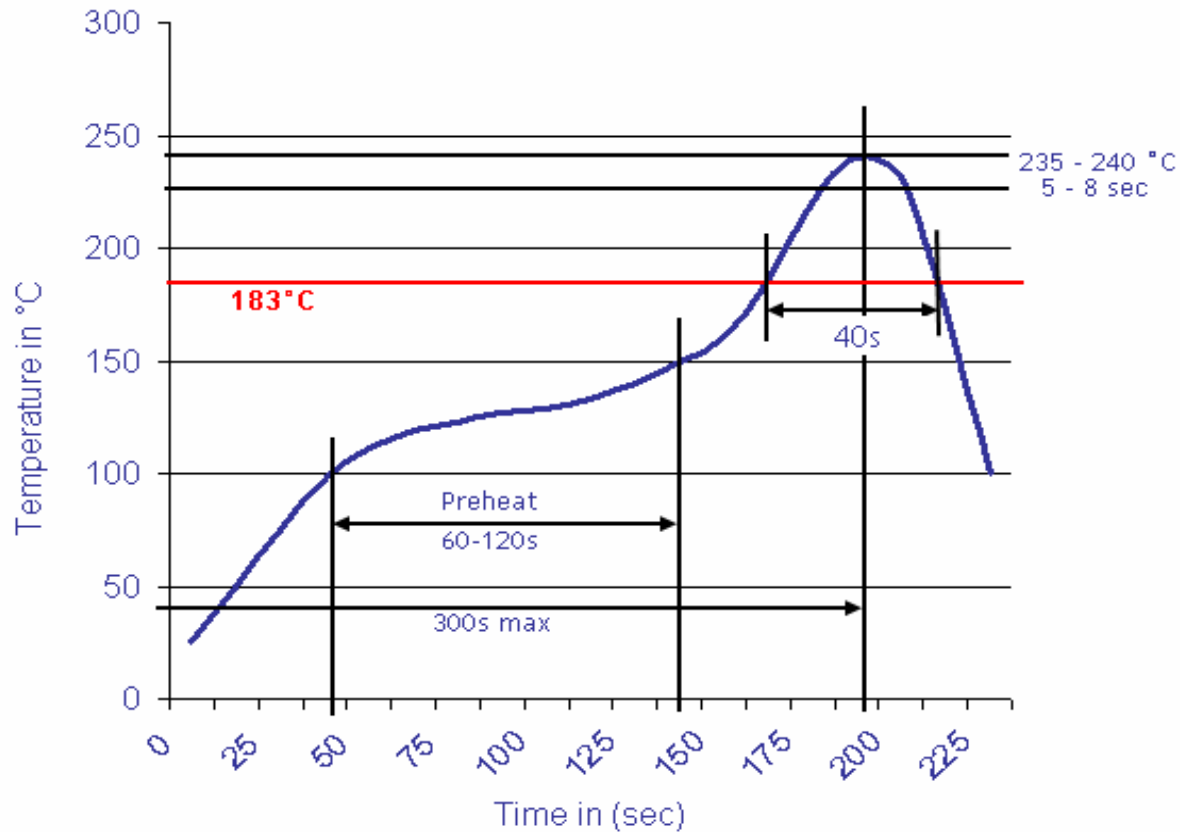
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Soldering Profile Curve

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



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