

DATA SHEET

Uncoated Metallized polyester film capacitor Stacked Type

Serie: I19002

Code / Range **473= 0,047µf**

Code / Volt **101= 100VDC**

Width **6,5 mm**

Height **4,0 mm**

Thickness **2,0 mm**

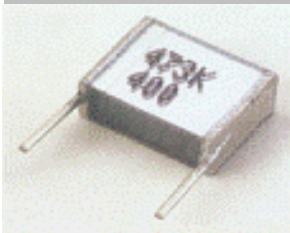
Pitch **5,0 mm**

Uncoated Metallized polyester
film capacitor Stacked Type

Serie No.: **I19002**

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

EDCON-COMPONENTS



Features

Metallized Polyester film, stacked-construction, Uncoated Type
High impulse and pulse strength

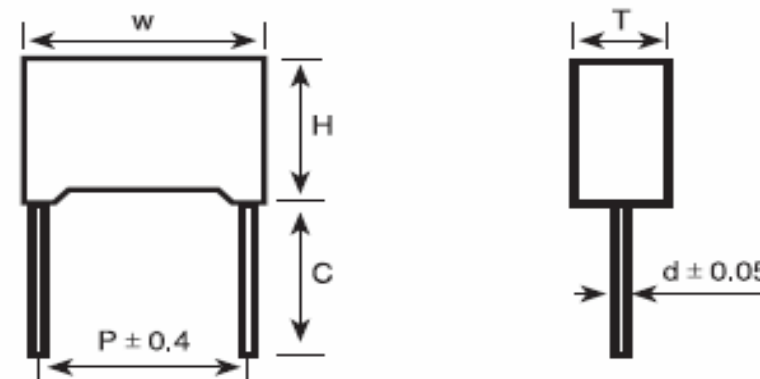
Applications

DC impulse and pulse circuits
SMPS, converter, Electronic ballast, compact fluorescent lamps

Specifications

Reference Standard	GB/T 7332 (IEC 60384-2)						
Climatic Category	55/125/56						
Rated Temperature	(+85°C for V_R (dc)) (+75°C for V_R (ac))						
Operating Temperature Range	-55°C ~ +125°C (+85°C to +125°C ; decreasing factor 1,25% per °C for V_R (dc))						
Rated Voltage	63, 100, 250, 400, 630, 1000Volt						
Capacitance Range	0,0010 ~ 10 μ F						
Voltage Proof (Between Terminals)	1.40 U_R (2s)						
Capacitance Tolerance	J=5%, K=10%, M=20%						
Dissipation Factor	$\leq 0,0100$ (1KHz)						
	$\leq 0,0150$ (10KHz, $C_R \leq 1,0\mu$ F)						
	$\leq 0,0300$ (100KHz, $C_R \leq 0,1\mu$ F)						
Insulation Resistance	$U_R > 100V$	$\geq 3750M\Omega$, $C_R \leq 0,33\mu$ F $\geq 1250s$, $C_R > 0,33\mu$ F				(20°C, 100V, 1min)	
	$U_R \leq 100V$	$\geq 7500M\Omega$, $C_R \leq 0,33\mu$ F $\geq 2500s$, $C_R > 0,33\mu$ F				(20°C, 10V, 1min)	
Maximum Pulse Rise Time $dV/dt(V/\mu s)$	$U_R(Vdc)$ P/mm	63V	100V	250V	400V	630V	1000V
	5,0	120	150	250	300	400	600
	7,5	120	150	200	275	320	400
	10,0		75	150	175	-	-
	15,0		50	100	125	150	-

Dimensions



Case Dimension table

Case Code	W $\pm 0,4$ (mm)	H $\pm 0,4$ (mm)	T $\pm 0,4$ (mm)	P (mm)
A	6,5	4,0	2,0	5,0

C $\pm 0,5$ (mm)

Standard Length 18~22mm (Size by Size)

Short Lead 4,5mm

d $\pm 0,05$ (mm)

d = 0,5mm

Uncoated Metallized polyester film capacitor Stacked Type

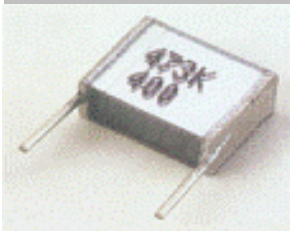
Part No.: **I19002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	11.06.2011	Customer:
APPD:	Schumi			FINISH	Jamy			Sheet No.	2 from 4	

www.edcon-components.com

email: info@edcon-components.com

EDCON-COMPONENTS



Ordering Informations

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

I19002	-	473	M	101	A	2	N	LL	R	BU
---------------	---	------------	----------	------------	----------	----------	----------	-----------	----------	-----------

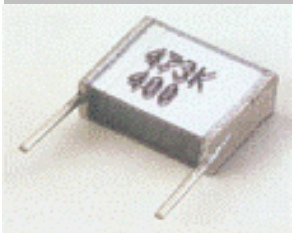
473= 0,047µf	M= 20% Standard	101= 100VDC	A= look Case Dimension	2= 5,0mm	N= No function	LL= Long Lead (Standard)	R= ROHS Conform	BU= Bulk Ware
	K= 10%					45= Lead Length 4,5mm	N= NON ROHS Conform	TB= Tape Box
	J= 5%							IV= Individual Package

**Uncoated Metallized polyester
film capacitor Stacked Type**

Part No.: **I19002**

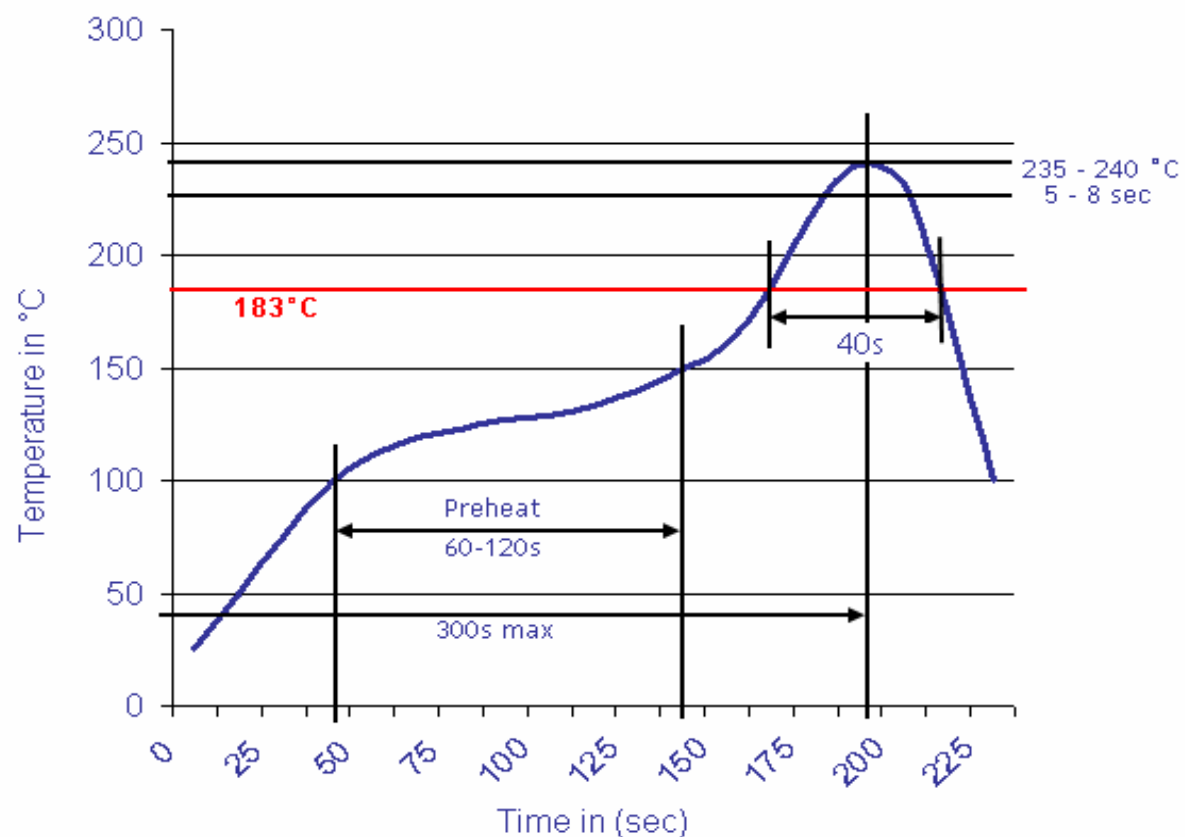
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	11.06.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	3 from 4	

Customer:



Soldering Profile Curve

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


 Uncoated Metallized polyester
 film capacitor Stacked Type

Part No.: I19002

Customer:

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