



# DATA SHEET

## Universal Power Inductors

### Serie: F13007

**Universal Power Inductors**

Serie No.: **F13007**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	17.02.2024
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 5	

# EDCON-COMPONENTS



## Technical Description

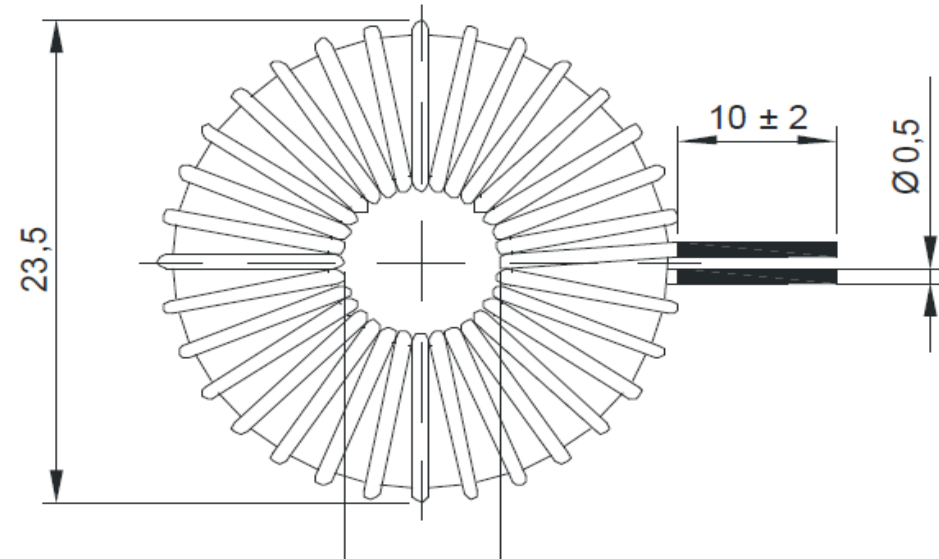
### Features:

Power Inductors Universal Applic.  
 Dielectric Strength: 1500Vrms  
 Pin PCB assembly  
 Operating Temperature: -40°C to +125°C  
 Customs Designs available  
 Rated-Voltage: 250VAC (max.)  
 Ragted Inductance: at +20°C and 10Khz, 0,1mA  
 Inductance Tolerance Standard 20%  
 Rated Current ref. 250V 50Hz and 60Hz amb. Temp.  
 Chokes are tested and accordnce w. EN138100;  
 EN 60938-1  
 DC resistance: at +20°C  
 Clima Class: DIN-IEC 600068 / 40/125/21

**Application:**  
 DC/DC, AC/DC line noise suppression  
 Automotive Systems  
 Communications Systems

## Dimensions & Configuration (mm)

Size Type	A	B	C	D	E	F	Wire Diam.
F13007							



Tolerance (mm)				
X=	X.X=	X.XX=	X.XXX=	Angle
±0,35	±0,25	±0,20	±0,15	±5°

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[www.edcon-components.com](http://www.edcon-components.com)

email: [info@edcon-components.com](mailto:info@edcon-components.com)

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**EDCON-COMPONENTS**



Electrical Characteristics Table

Ordering Range	Capacitor	Inductance	Rated Current (A)	DCR (max.) (mΩ)	Power
182	0,068μF	1,8mH / ±20%	1,5	440 +/-10%	60W

customs Range  
welcome

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Ordering Informations

Customer	Ordering Code	Special function S1	Special function S2	ROHS	Packing Code					
<b>F13007</b>	<b>182</b>	<b>N</b>	<b>N</b>	<b>R</b>	<b>TY</b>					

<b>182 = 1,8mH</b> other Ranges like Table	<b>N=</b> No special function	<b>N=</b> No special function	<b>R=</b> ROHS Conform	<b>TY=</b> Tray Package
			<b>N=</b> NON ROHS Conform	<b>IV=</b> Individual Package

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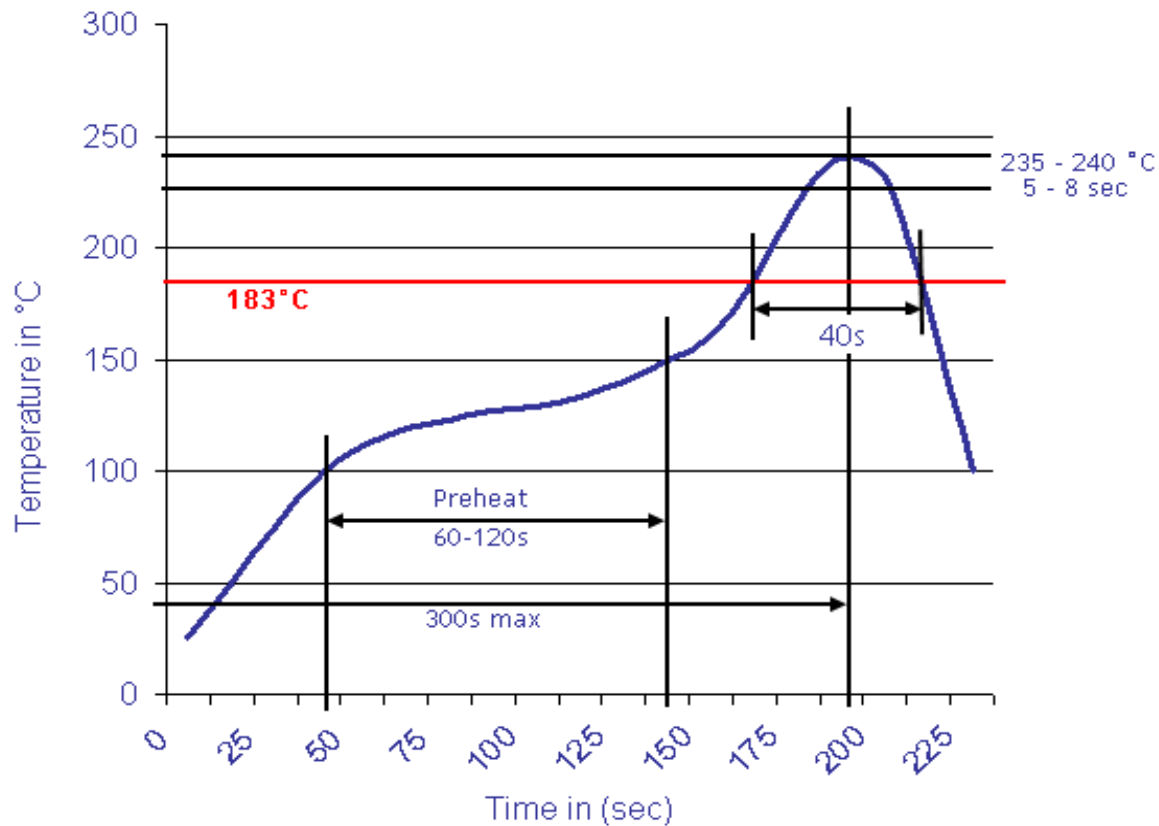
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Soldering Profile Curve

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



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