



# DATA SHEET

## Commun Mode Choke size 14/09

### Serie: F13014

<b>Commun Mode Choke size 14/09</b>
Serie No.: <b>F13014</b>
Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	31.05.2018
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 5

# EDCON-COMPONENTS



## Technical Description

### Features:

- Low Cost
- Dielectric Strength: 1500Vrms
- Fixing pin Spacing allow easy PCB assembly
- Operating Temperature: -55°C to +105°C
- Customs Designs available

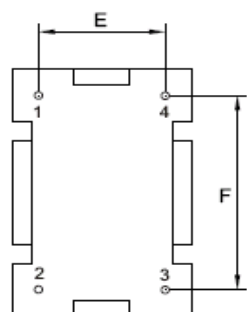
### Application:

- DC/DC, AC/DC line noise suppression
- Automotive Systems
- Communications Systems

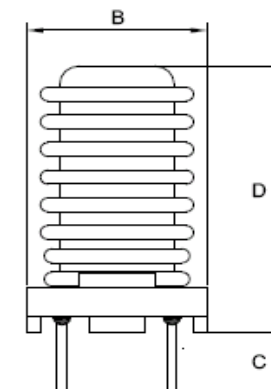
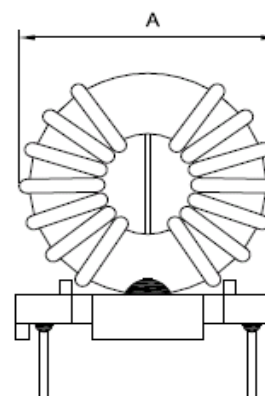
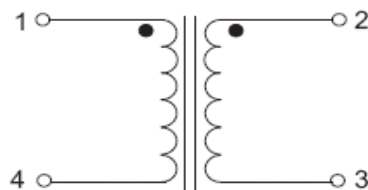
## Dimensions & Configuration (mm)

Size Type	A	B	C	D	E	F
F13014	17,5 max.	13,0 max.	3,0 max.	22,0 max	5,0 Ref.	7,7 ±0,5

## PCB Layout



## Schematic



**Commun Mode Choke size  
14/09**

Part No.: **F13014**

Customer:

					Tolerance (mm)				
DRW:	Jason	CHKD	Wilson	MATL:	X=	X.X=	X.XX=	X.XXX=	Angle
APPD:	Schumi			FINISH	±0,35	±0,25	±0,20	±0,15	±5°
					Wilson	TOLERANCE	Mason	DATE	31.05.2018
					Jamy		Sheet No.		2 from 5

# EDCON-COMPONENTS



Electrical Characteristics Table

Ordering Range	Special funtion S1	Inductance (min) (mH)	Rated Current	DCR (max.) (mΩ)	
102	N	1,0 ±30%	3,0	35	
222	N	2,2 ±30%	2,0	70	
332	N	3,3 ±30%	1,5	120	
103	N	10,0 ±30%	1,0	360	
203	N	20,0 ±30%	0,5	540	

customs Range  
welcome

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# EDCON-COMPONENTS



## Ordering Informations

Customer	Ordering Code	Special function S1	Special function S2	ROHS	Packing Code					
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<b>F13014</b>	<b>102</b>	<b>N</b>	<b>N</b>	<b>R</b>	<b>TY</b>					
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102 = 1,0mH other Ranges like Table	N= No special function	N= No special function	R= ROHS Conform	TY= Tray Package
			N= NON ROHS Conform	IV= Individual Package

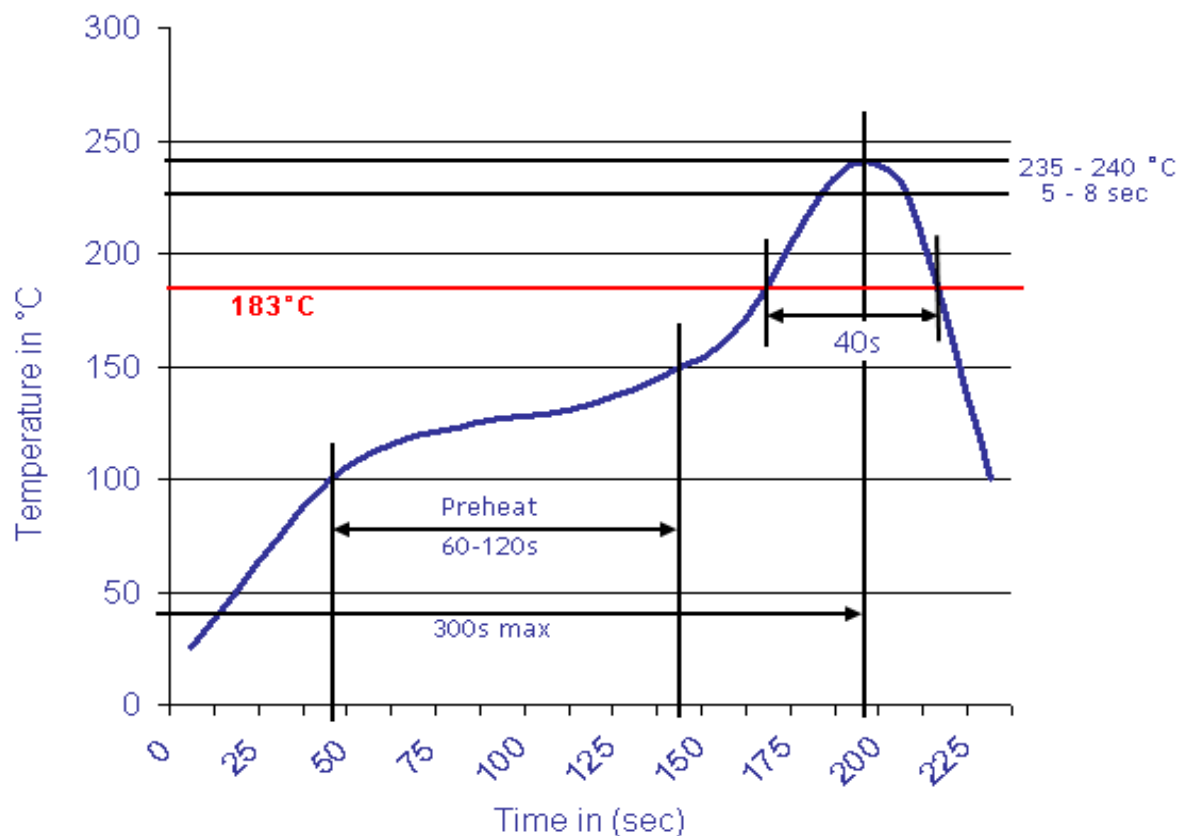
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Soldering Profile Curve

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



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