



DATA SHEET

Commun Mode Choke size 10/20

Serie: F13009

**Commun Mode Choke size
10/20**

Serie No.: **F13009**

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

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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

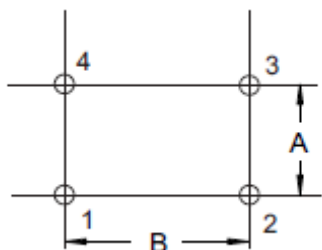
Application:

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

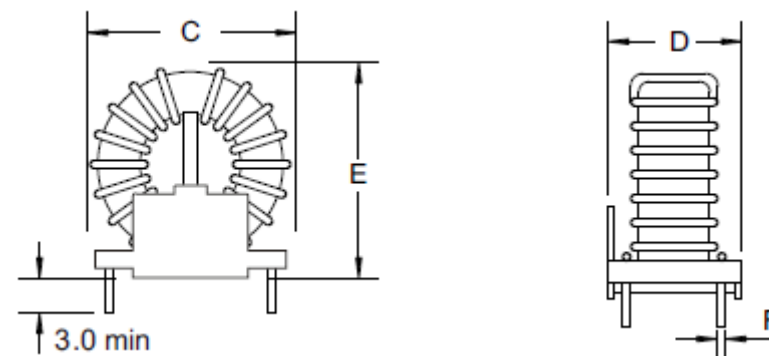
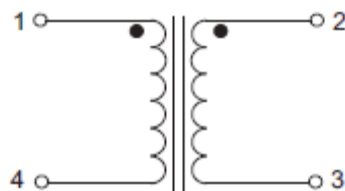
Dimensions & Configuration (mm)

Size Type	A	B	C	D	E	F
F13009	10,16	20,32	34,3	17,78	31,52	1,2

PCB Layout



Schematic



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www.edcon-components.com

email: info@edcon-components.com

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Electrical Characteristics Table

Ordering Range	Special funtion S1	Inductance (min) (mH)	Rated Current	DCR (max.) (Ω)	Leckage Inductance (μ H) Typ.
1R0	N	1	15	0,01	12
2R0	N	2	9	0,02	25
3R0	N	3	6	0,03	35
4R0	N	4	3,5	0,04	45
8R0	N	8	2,5	0,12	90
100	N	10	2,2	0,24	130
160	N	16	1,5	0,32	180

customs Range
welcome

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Ordering Informations

Customer	Ordering Code	Special function S1	Special function S2	ROHS	Packing Code					
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F13009	1R0	N	N	R	TY					
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1R0 = 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

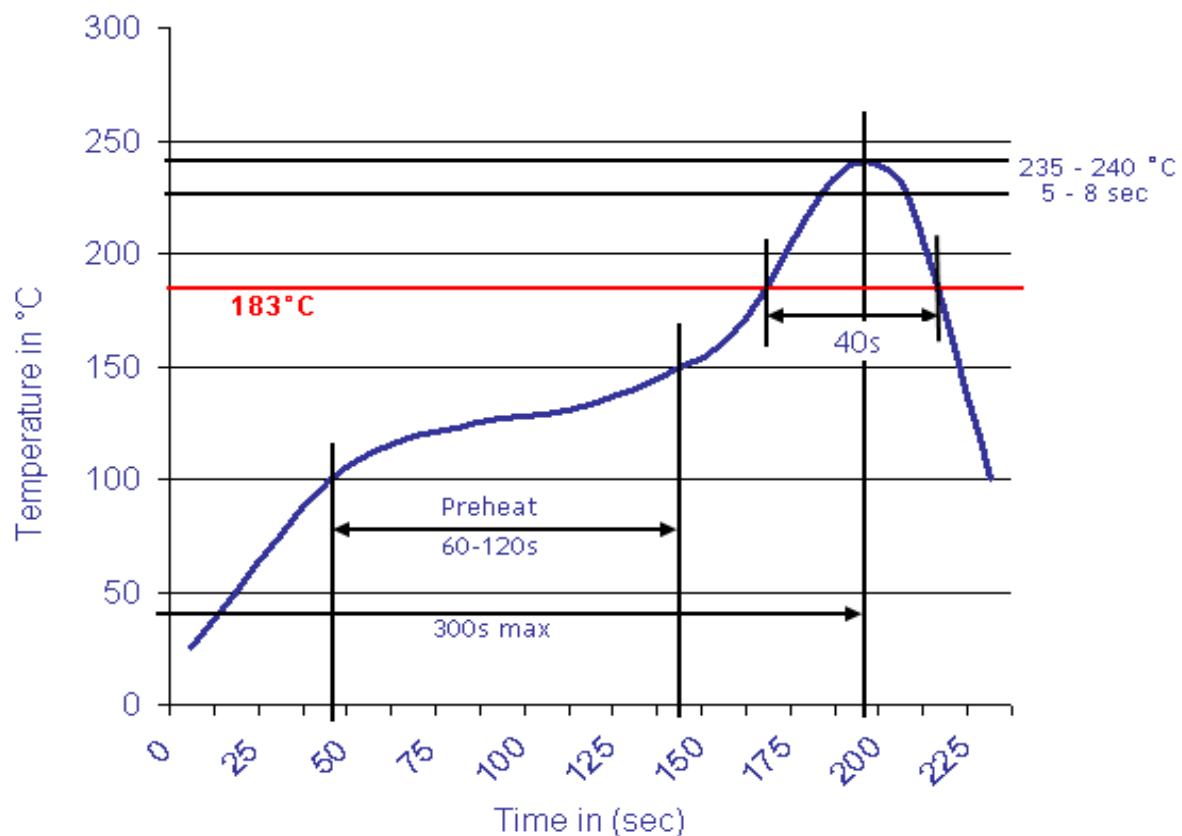
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Soldering Profile Curve

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



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