



DATA SHEET

Commun Mode Choke size 12/05

Serie: F13013

**Commun Mode Choke size
12/05**

Serie No.: **F13013**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	27.02.2022	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

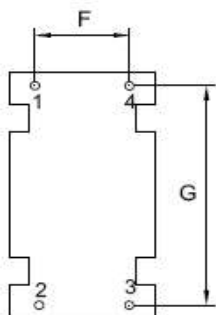
Application:

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

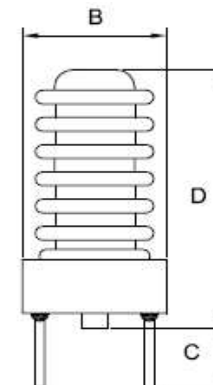
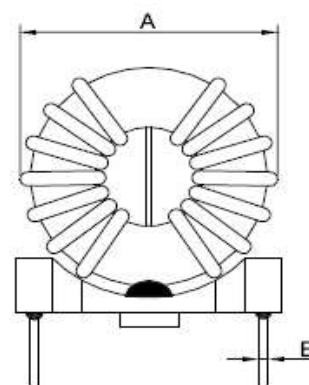
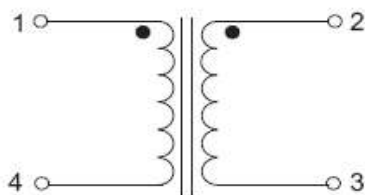
Dimensions & Configuration (mm)

Size Type	A	B	C	D	E	F	G
F13013	15,0 max.	7,5 max.	2,5 max.	18,0 max	0,7 Ref.	4,5 ±0,5	10,0 ±0,5

PCB Layout



Schematic



Tolerance (mm)

X=	X.X=	X.XX=	X.XXX=	Angle
±0,35	±0,25	±0,20	±0,15	±5°

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Customer:

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email: info@edcon-components.com

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Electrical Characteristics Table

Ordering Range	Special funtion S1	Inductance (min) (mH)	Rated Current	DCR (max.) (mΩ)	
102	N	1,0 ±30%	2,0	45	
402	N	4,0 ±30%	1,5	140	
502	N	5,0 ±30%	1,0	200	
103	N	10,0 ±30%	0,7	350	
203	N	20,0 ±30%	0,5	1000	
393	N	39,0 ±30%	0,3	3000	
113	N	11,0 ±30%	0,9	430	

customs Range
welcome

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Ordering Informations

Customer	Ordering Code	Special function S1	Special function S2	ROHS	Packing Code					
F13013	102	N	N	R	TY					

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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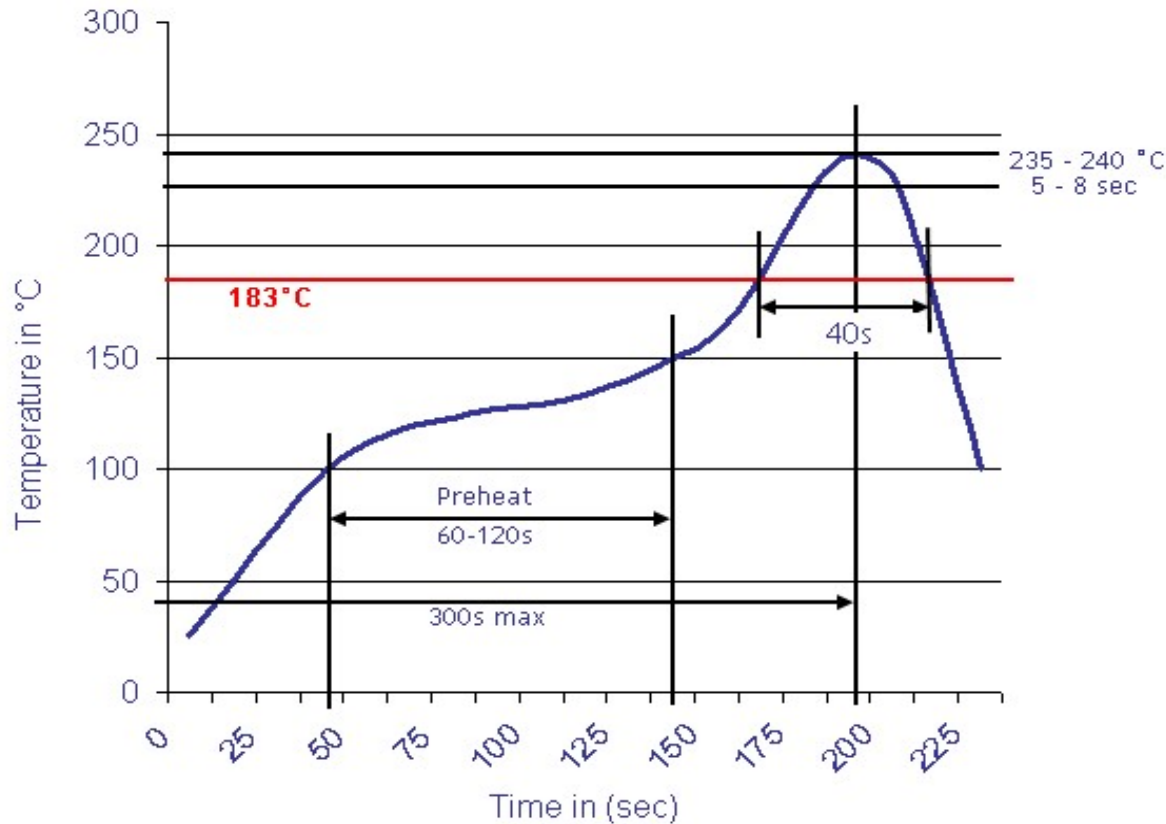
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Soldering Profile Curve

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



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