



DATA SHEET

Commun Mode Choke size 15/22

Serie: F13010

**Commun Mode Choke size
15/22**

Serie No.: **F13010**

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

Customer:

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

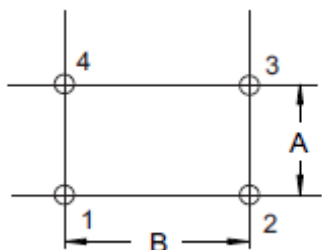
Application:

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

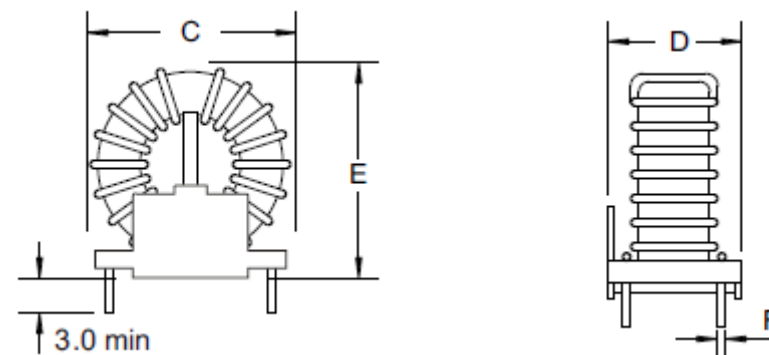
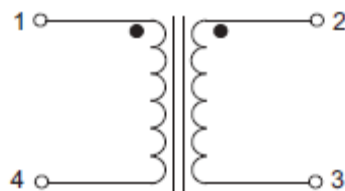
Dimensions & Configuration (mm)

Size Type	A	B	C	D	E	F
F13010	15,24	22,86	36,83	22,86	33,5	1,2

PCB Layout



Schematic



Commun Mode Choke size 15/22

Part No.: **F13010**

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

www.edcon-components.com

email: info@edcon-components.com

EDCON-COMPONENTS



Electrical Characteristics Table

Ordering Range	Special funtion S1	Inductance (min) (mH)	Rated Current	DCR (max.) (Ω)	Leckage Inductance (μ H) Typ.
1R2	N	1,2	15	0,01	12
2R0	N	2	8,7	0,02	25
3R0	N	3	6,5	0,054	35
4R0	N	4	5,4	0,105	45
8R0	N	8	3,5	0,143	85
100	N	10	3,0	0,35	130
160	N	16	2,2	0,40	180

customs Range
welcome

Commun Mode Choke size 15/22	
Part No.:	F13010
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	31.05.2018
APPD:	Schumi			FINISH	Jamy		Sheet No.		3 from 5

EDCON-COMPONENTS



Ordering Informations

Customer	Ordering Code	Special function S1	Special function S2	ROHS	Packing Code					
----------	---------------	---------------------	---------------------	------	--------------	--	--	--	--	--

F13010	1R2	N	N	R	TY					
---------------	------------	----------	----------	----------	-----------	--	--	--	--	--

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

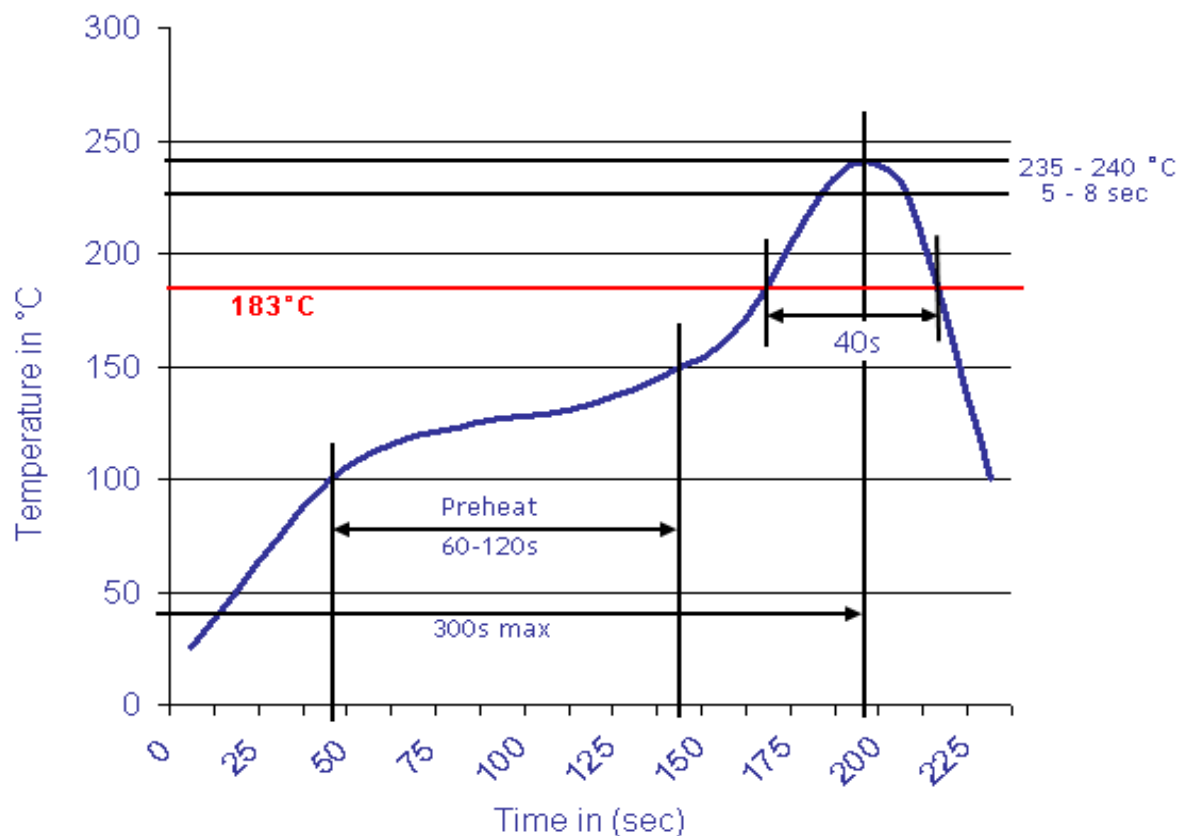
Commun Mode Choke size 15/22	
Part No.:	F13010
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	31.05.2018
APPD:	Schumi			FINISH	Jamy		Sheet No.		4 from 5



Soldering Profile Curve

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



Commun Mode Choke size 15/22
Part No.: F13010
Customer:

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