MOLDING CHOKE

一体成型电感

TDG 天通控股股份有限公司
TDG HOLDING CO.,LTD.

MOLDING CHOKE 2023

2023 一体成型电感

地址：浙江省海宁市天通科技园

ADD: TDG Technology Park, Haining, Zhejiang, China

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线上商城　　微信公众号

TMAX SERIES | TMAX

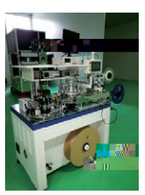
Company Superiority

1. Rich Experience of More Than 30 Years in R&D and Production of Magnetic Materials
   30
2. Complete Quality System
3. Normative Laboratories Certified by CNAS and DiLAC
   CNAS DiLAC
4. Advanced Equipment for Testing and Production in the Industry
5. Professional Technical Team With More Than 10 Years of Experience
   10

IATF 16949

ISO 9001

ISO 14001

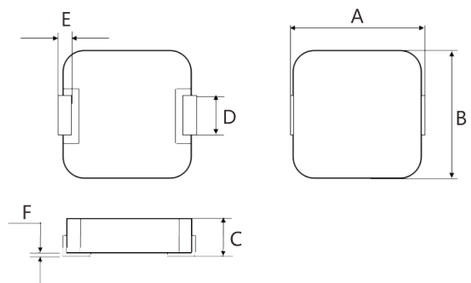


Features & Applications

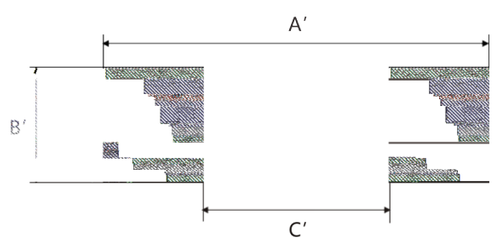
- Low Profile and High Rated Current
- Die-Casting by Low Loss metal softmagnetic powder
  Low DCR and Surpassingly Anti-Rust Ability
- Following RoHS and Haloger Free
  RoHS
- Good EMC performance and low noise
- Following AECQ-200
  AECQ-200

- Voltage Regulator Module
- DC/DC Converters
  -
- Thin Type on-Board Power Supply Module for Exchanger
- Laptops and PCs
- SSD Modules
- Automotive Electronics

Dimensions



Recommend Land Pattern Dimensions



1 Power Choke

IATF 16949

PART NUMBERING

TMAX	04	20	A	R47	M	C
01	02	03	04	05	06	07

1. Series No

2. SIZE(L*W) : 04=4.4mm*4.2mm

CODE							
DIMENSION							

CODE										
DIMENSION										

4. Mold Code

5. Types:

TYPE	1		2		3		4	
CODE								
INDUCTANCE VALUE								

6. Tolerance: M=± 20%

7. Materials Type

SPECIFICATION NOTE

Note 1:

Note 2:

Note 3:

Note 4:

Note 5:

Note 6:

Note 7:

SERIES PRODUCT SPECIFICATION

4*4 SERIES

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

5*5 SERIES

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

6*6 SERIES

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

8*8 SERIES

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

10*10 SERIES

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

13*13 SERIES

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

17*17 SERIES

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

SPECIFICATION NOTE

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SERIES PRODUCT SPECIFICATION

4*4 SERIES

		DCR (mohm)		(A)		(A)	
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		DCR (mohm)		(A)		(A)	
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10*10 SERIES

		DCR (mohm)		(A)		(A)	
		Typical	Max		Max	Typical	Max

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

13*13 SERIES

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max

		DCR (mohm)		(A)		(A)	
		Typical	Max	Typical	Max	Typical	Max