CUSTOMER: /____ **DATE:** __2025/03/11_____

APPROVAL SPECIFICATION

ROHS+HS
COMPLIANT

PRODUCT NAME:	Inductor
YOUR PART NO.:	/
OUR PART NO.:	CMTHR26-2
VERSION:	V1.0

RECEPTION **THE SPECIFICATION HAS BEEN ACCEPTED.** **COMPANY:** **DATE:**		
CFMD	**CHKD**	**RCVD**

MANUFACTURING NAME

SHENZHEN MICROGATE TECHNOLOGY CO.，LTD
Address: Microgate Technology Building, No. 16, Technology Road, Pingshan, Shenzhen, China.
Postcode：518122
TEL: 86-755-28085000
FAX: 86-755-28085605

CFMD.	CHKD.	DSGD.
Remo	Ysong	Lmin

Confidential for Microgate

【Change History】

Rev.	Effective Date	Changed Contents	Change reasons	Approved By
1.0	2025/03/11	New release	/	Remo

Confidential for Microgate

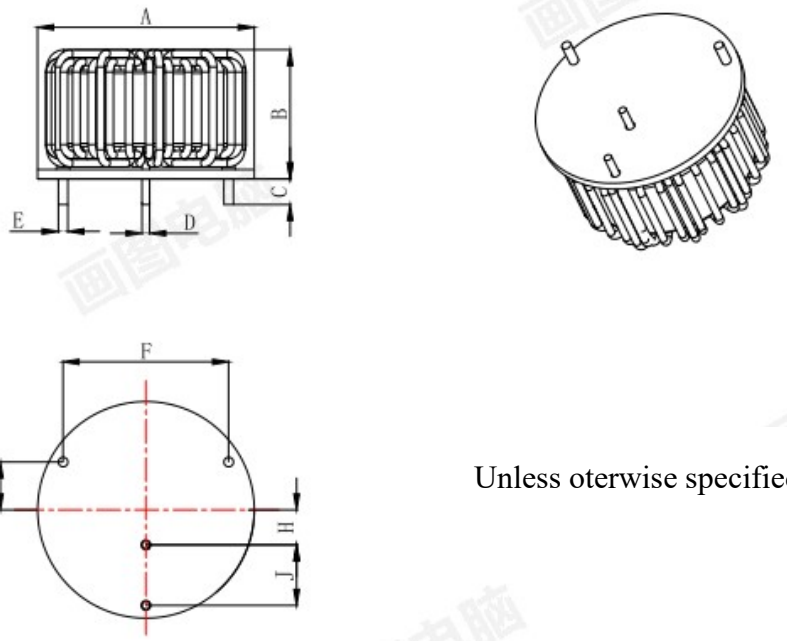
1. Scope

This specification is applied to the Automotive Electronics transformer CMTHR26-2

2. Shape and Dimensions

2.1 Shape

Dimensions (Unit :mm)



Unless oterwise specified,tolerance±0.5

Fig.2.1

A	B	C	D	E	F	G	H	J
35.0 MAX	21.5 MAX	4.0±0.5	Ø1.3±0.2	Ø1.5±0.2	25.98±0.5	7.5±0.5	5.5±0.5	9.5±0.5

NOTE:/

3. Schematic

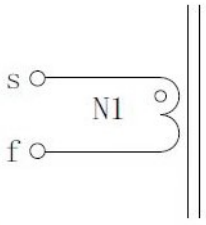


Fig.3.1

Confidential 画图电脑

4. Winding Specification

NO.	Winding	Start	End	Wire Spec	Turns	Tape Layer	Winding Note
1	N1	s	f	1EIWH Ø 1.3mm*1P	42Ts	/	/

5. Electrical Test

NO.	ITEM	TEST TERMINAL	TEST SPECIFICATION	TEST CONDITION
1	INDUCTANCE	Pin (s-f)@0A	160μH REF	80kHz,1.0V,25℃
2		Pin (s-f)@8.0A	110.0μH±10%	80kHz,1.0V,25℃
3	DCR	Pin (s-f)	25.8mΩ MAX	At 25℃

6. Material List

NO.	ITEM	MATERIAL DESCRIPTION	TEMP. (FLAME) CLASS	VENDER.	UL FILE NO.	RoHS
1	CORE	TYPE: T26.92*14.73*11.18 NPH106075	-	1. BOCO 2. ACYC	N/A	Y
2	WIRE	1EIW	180℃	TAI-I COPPER (GUANZHOU) CO LTD	E234896	Y
3	BASE	FR-4	130℃	KINGBOARD LAMINATES HOLDINGS LTD	E123995	Y
4	EPOXY	G-500	-40℃-180℃	LOCTITE	N/A	Y
		J868-C1	-55℃-130℃	DONGGUAN CITY HENG ERLANGS INDUSTRIAL CO.LTD.	N/A	Y

Confidential for Microgate