

CUSTOMER

KFT-107

ROHS

SPECIFICATION FOR APPROVAL

MODEL NO. : G50.0

KEFEITE NO. : 107-M29-G50.0-0.08X105PX10TS-6.3uH-20mm

CUSTOMER P/N: M29-G50.0-6.3uH-20mm

DATE : 2024/01/20

REV : A1

※产品符合: ☒RoHS ☐PAHS ☐6P ☐REACH

PLEASE RETURN TO US COPY OF "SPECIFICATION FOR APPROVAL" WITH YOUR APPROVED SIGNATURES.

	"√"	CUSTOMER'S SIGNATURE	NOTE
FULL APPROVED			
CONDITIONAL APPROVED			
REJECTED			

SHENZHEN KEFEITE ELELECTRONICS CO., LTD

FactoryAddress:2/F, Guantiancommunity, Shenzhen. New era industrial area
C Building

TEL:86-755-27352660

FAX:86-755-27352742

HTTP:WWW.Kefeite.net



SHENZHEN KEFEITE ELECTRONICS CO., LTD

[illegible]

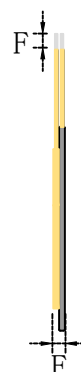
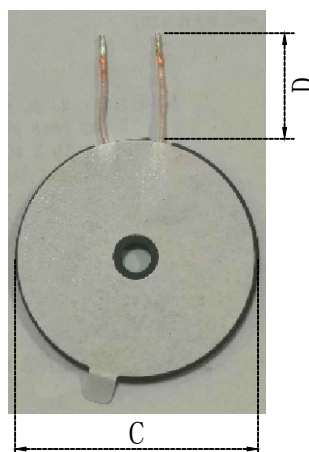
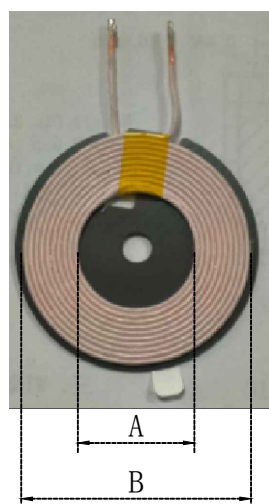
NOTES :



SHENZHEN KEFEITE ELECTRONICS CO., LTD

CUSTOMER:	KFT-107	VERSION:	A1
CUSTOMER NO:	M29-G50.0-6.3uH-20mm	PAGE:	3/4
KFT P/N:	107-M29-G50.0-0.08X105PX10TS-6.3uH-20mm	Date:	2024/01/20

1. CONFIGURATION&DIMENSIONS:



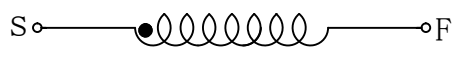
A	20.5±1.0mm
B	40.5±1.0mm
C	50.0±0.5mm
D	20±1.0mm
E	2.5±1.0mm
F	2.8mm MAX

1. Fixing tape (0.05X8mm), Adjustable.
2. Double sided adhesive tape on the back of the product
3. H dimension includes the thickness of release paper

2. ELECTRICAL CHARACTER:

PROJECT	SPECIFICATIONS	TEST CONDITIONS	TEST INSTRUMENT
(Ls)	6.3±10%uH	10KHZ/1.0V	CH1062
(RDC)	≤45mΩ	At:25℃	HG2512
(Q)	≥56	100KHZ/1.0V	CH1062

3. SCHEMATIC



4. PART NUMBERING:PRODUCT IDENTIFICATION

107	G50.0	0.08X105PX10TS	6.3uH	20mm
			Line Length	
			Inductance	
			Wire Diameter	
			Magnetic Sheet Specification	
			Customer number	

DRAWN BY:	CHECKED BY:	Q. C DEPT:	APPROVED BY:
FI GO	QIONJINFU		W. J. J



SHENZHEN KEFEITE ELECTRONICS CO., LTD

CUSTOMER:	KFT-107	VERSION:	A1
CUSTOMER NO:	M29-G50.0-6.3uH-20mm	PAGE:	4/4
KFT P/N:	107-M29-G50.0-0.08X105PX10TS-6.3uH-20mm	Date:	2024/01/20

5. MATERIAL LIST:

NO	ITEM	DESCRIPTION	RATING	SUPPLIERS	UL NO.	REMARK
1	WIRE	Acetone line	155℃	SHANTOU SHENGANG ELECTRICAL INDUSTRIAL CO., LTD	E239508	
2	SOLDER	99.3/0.7		SHENZHEN Hong Xing Wei solder Limited		
3	CORE	50.0X5.0X0.72mm		Changxing BO Cheng Electronics CO., LTD		
4	EPOXY	1603HFR-HS		DONGBU FINE CHEMICAL CO LTD		
5	TAPE	PI 260℃		SU ZHOU MAILADUONA ELECTRIC MATERIAL CO., LTD	E188295	

6. GENERAL SPECIFICATION:

- 1 Tested at 1.0KHZ/0.25Vrms, 0 Adc.
Average current for 40℃ temperature rise from 25℃.
- 2 Saturation current (Isat):
Inductance drop: 10% typ at Isat.
- 3 Heat rating current (Irms):
 $L @ Irms = \Delta T \leq 40^{\circ}C$.
- 4 Electrical specifications at 25℃
- 5 Storage Temp: -40℃....+85℃
- 6 Operating Temp: -40℃....+85℃

DRAWN BY:	CHECKED BY:	Q. C DEPT:	APPROVED BY:
FI GO	QIONJINFU		W. J. J 