

CUSTOMER

KFT-107

ROHS

SPECIFICATION FOR APPROVAL

MODEL NO. : G43.5

KEFEITE NO. : 107-M8-G43.5-0.08X105PX10TS-6.3uH-10mm

CUSTOMER P/N: M8-G43.5-6.3uH-10mm

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

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SHENZHEN KEFEITE ELECTRONICS CO. , LTD

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CUSTOMER NO:	M8-G43.5-6.3uH-5mm	PAGE:	2/4	
KFT P/N:	107-M8-G43.5-0.08X105PX10TS-6.3uH-10mm	Date:	2024/01/20	
VERSION	MODIFY THE CONTENT	Date	Drawn By	Checked By
A1	New Version	2024/01/20	FIGO	QIONJIN 

NOTES:



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1. CONFIGURATION&DIMENSIONS:

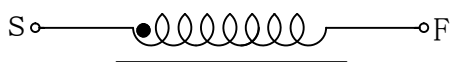
A	20.5 ± 1.0mm
B	40.5 ± 1.0mm
C	43.5 ± 0.5mm
D	10 ± 1.0mm
E	2.5 ± 1.0mm
F	2.8mm MAX

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°C	HG2512
(Q)	≥ 56	100KHZ/1.0V	CH1062

3. SCHEMATIC



4. PART NUMBERING: PRODUCT IDENTIFICATION

107 G43.5 0.08X105PX10TS 6.3uH 10mm

_____ 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



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5. MATERIAL LIST:

NO	ITEM	DESCRIPTION	RATING	SUPPLIERS	UL NO.	REMARK
1	WIRE	Acetone line	155°C	SHANTOU SHENGANG ELECTRICAL INDUSTRIAL CO., LTD	E239508	
2	SOLDER	99.3/0.7		SHENZHEN Hong Xing Wei solder Limited		
3	CORE	43.5X5.0X0.72mm		Changxing BO Cheng Electronics CO., LTD		
4	EPOXY	1603HFR-HS		DONGBU FINE CHEMICAL CO LTD		
5	TAPE	PI 260°C		SU ZHOU MAILADUONA ELECTRIC MATERIAL CO., LTD	E188295	

6. GENERAL SPECIFICATION:

- 1 Tested at 1.0KHZ/0.25Vrms, 0 Adc.
Average current for 40°C temperature rise from 25°C.
- 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°C
- 5 Storage Temp: -40°C....+85°C
- 6 Operating Temp: -40°C....+85°C

DRAWN BY:	CHECKED BY:	Q. C DEPT:	APPROVED BY:
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