

零件承认书

SPECIFICATION FOR APPROVAL

客户名称：001

增益型号：RH3.5x3.0x0.8T52

规格描述：RH3.5x3x0.8+T52 W5 编带

日期：2023/12/18

版本：A

增益签核：

制订	审核	核准
夏琳		李万

客户签核：

工程	审核	核准



东莞市增益实业有限公司

地址：东莞市塘厦镇林村塘厦大道北552号

电话：0769-87321000

传真：0769-87891229

物料类型：编带空心磁珠

日期：2023/12/18

版本：A

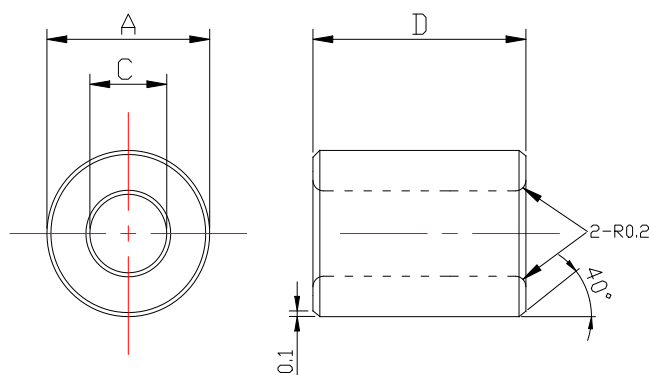
SPECIFICATION

ITEM	RH3.5x3.0x0.8T52
PART NO.	
ELECTRICAL REQUIREMENTS	IMPEDANCE: Z:40ohm MIN(25MHz) Z:60ohm MIN(100MHz)

TEST METHOD:

APPEARANCE STANDARD	VISION
INSPECTION LEVEL	MIL-STD-105E AQL=0.65
CHARACT&SIZE	LEVEL S-3
SURFACE	LEVEL II
TEST EQUIPMENT	HP-4286A
TEST FREQUENCY	25MHz/100MHz
COIL SPEC	T.C0.65ΦX62.5mmX1TS

DIMENSION:(UNIT:mm)



A=3.50±0.20mm

C=0.80±0.15mm

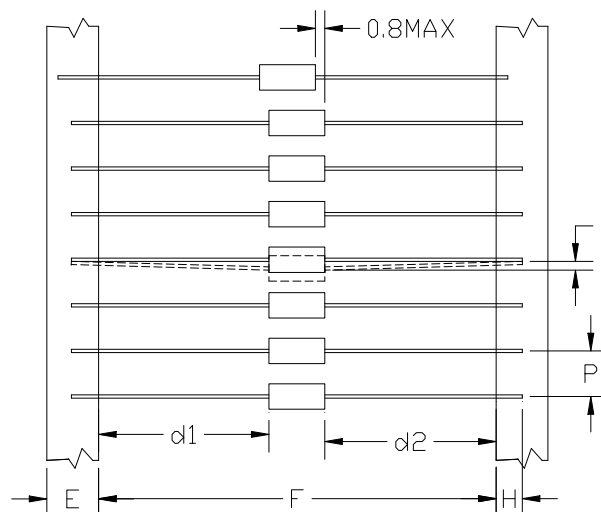
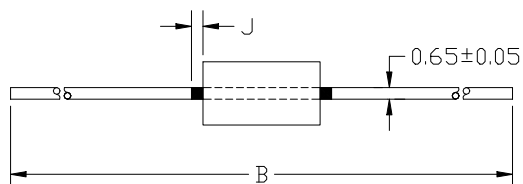
D=3.00±0.30mm

SPECIFICATION

ITEM	RH3.5x3.0x0.8T52
PART NO	

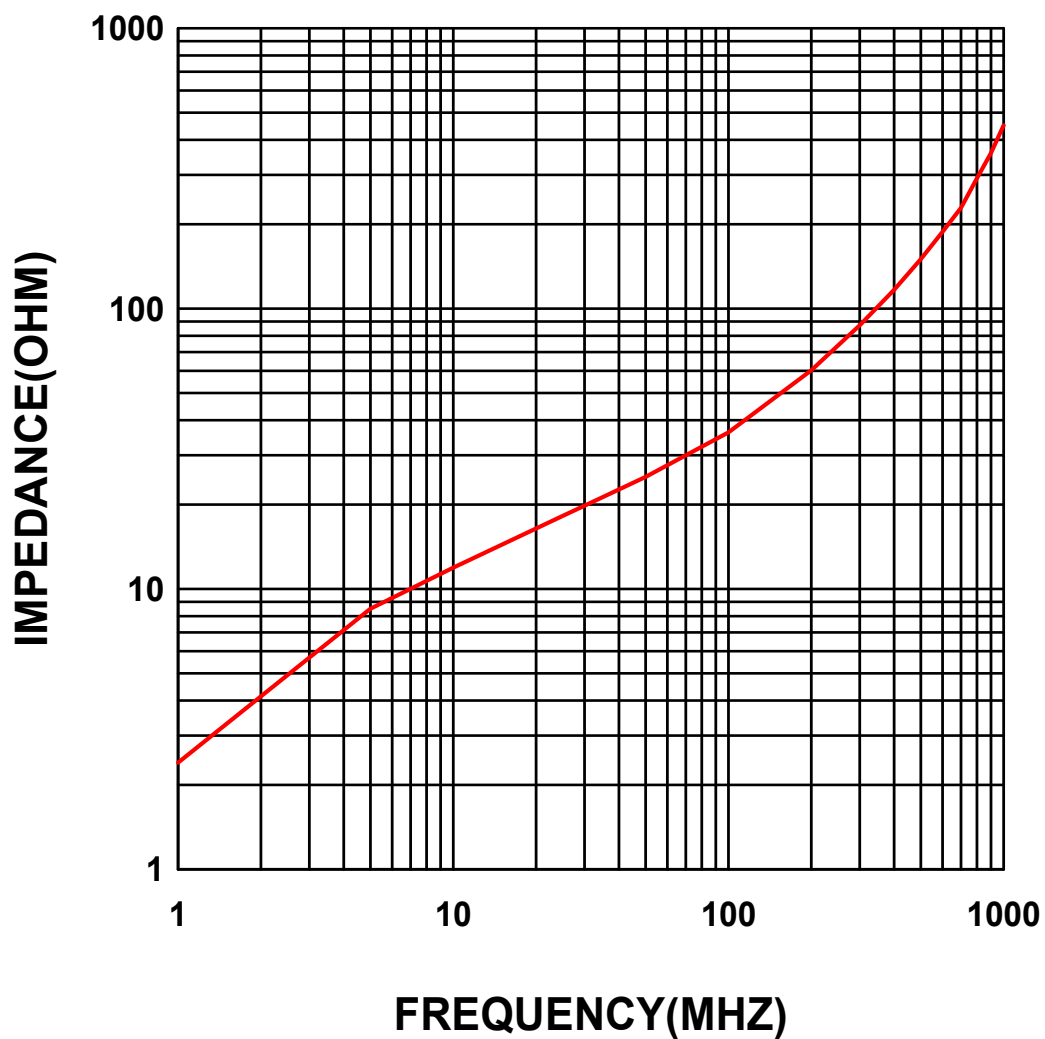
TAPE DIMENSION (UNIT:mm):

TYPE	B	E	F	H	I	J	P	d1-d2
RH3.5x3.0x0.8T52	63.00	5.68	52.00	3.20	1.20	0.50	5.00	1.40
	±1.00	±0.70	±2.00	MIN	MAX	MAX	±0.50	MAX



胶带品牌(西德TESA胶带)
T.C.LEAD WIRE0.65ΦX 62.5mm

ITEM: RH3.5x3.0x0.8T52



COIL: T.C0.65ΦX62.5mmX1TS

METER: HP-4286A

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Material Table 材质表(W5)

Characterics 特性	Unit(单位)	Standard Data
Practical frequency 应用频率	MHZ	0.1~2.0
μ_{iac} 交流初导磁率	$\pm 25\%$	700
$\tan \delta / \mu_{iac}$ 相对损失因子	$\times 10^{-6}$	15 55
	MHz	0.1 2.0
B _{ms} 有效饱和 磁通密度	Gauss	2500 (20Oe)
α_{μ} 温度系数	$\times 10^{-6} / ^\circ\text{C}$	5(25 $^\circ\text{C}$)
T _c 居礼温度	$^\circ\text{C}$	> 110
ρ 电阻系数	$\Omega \cdot \text{cm}$	10^7
d 密度	g/cm^3	4.8

- The values were obtained with toroidal cores
- 1(mT):10(gauss), 1(A/m):0.012566(Oersted)

TEST DATA

CUSTOMER		QUANTITY	
ITEM	RH3.5x3.0x0.8T52	COIL SPEC	T.C0.65ΦX62.5mmX1TS
PART NO.		TEST FREQUENCY	25MHz/100MHz
HUMIDITY	65%	TEST EQUIPMENT	HP-4286A
TEMPERATURE	22℃		

TEST RESOLUTION					DIMENSION(UNIT:mm)				
SPEC	Z(ohm) 25MHz	Z(ohm) 100MHz			A		C		D
Nominnal	40	60			3.50		0.80		6.00
Upper					3.65		0.95		6.30
Lower	40	60			3.35		0.65		5.70
Tolerance	MIN	MIN			±0.15		±0.15		±0.30
1	56.4	81.0			3.52		0.82		6.06
2	58.2	81.6			3.56		0.83		6.08
3	57.8	80.9			3.48		0.82		6.02
4	57.5	80.8			3.50		0.83		6.10
5	56.9	80.6			3.54		0.81		6.04
6									
7									
8									
9									
10									
AVERAGE	57.36	80.98			3.52		0.82		6.06
MAX	58.20	81.60			3.56		0.83		6.10
MIN	56.40	80.60			3.48		0.81		6.02
RANGE	1.80	1.00			0.08		0.02		0.08
STDEVP	0.64	0.34			0.03		0.01		0.03
CPK upper					1.53		5.70		2.83
CPK lower	9.03	20.75			2.00		7.66		4.24

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