

Radiation Technology, Inc.

昆山昕芮特电子科技有限公司

Specification For Approval

Description: 433MHz Antenna

Customer P/N:130100D10006

RTI P/N:C0448-ANG0005

Customer Rev: N/A

RTI Rev: SC

Date:2023.10.07

Radiation Technology Inc. Approval



SYSTEM CERTIFIED

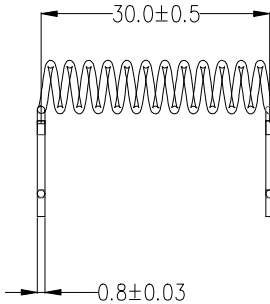
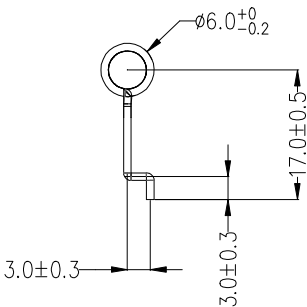
ISO/TS 16949:2009 No.01274/0
ISO 9001:2008 No.04431/0
ISO 14001:2004 No.01578/0

www.rt-inc.com

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THE COMPONENT(S), INCLUDING ANY PLATING OR COATINGS, SUPPLIED PER THIS DRAWING MUST BE COMPLIANT WITH EU DIRECTIVE 2011/65/EU (RoHS DIRECTIVE)

版本	工程变更单号	变 更 内 容	变更人/日期
SA	无	资料新发行	Henry/2022. 11. 14
△SB	无	增加VSWR, Gain等规格参数	Henry/2022. 12. 06
SC	无	更新客户料号和RTI料号	Henry/2023. 08. 07



备注:

- 线圈圈数:12圈, 右旋;
- 材质:碳钢预镀镍;
- VSWR: ≤2. 5(@433MHz, 带机壳);

△SB
- Peak Gain:1.8dBi (带机壳) ;

△SB
- 输入阻抗: 50 ohm

△SB

第三角投影法		图纸核准		www.rt-inc.com	
		绘图:		Radiation Technology, Inc. 昆山昕芮特电子科技有限公司	
未注公差		审核:		客户: 欧姆	昕芮特料号: C0448-ANG0005
一位小数	.X	N/A	核准:	品名规格:	
两位小数	.XX	N/A			
三位小数	.XXX	N/A	图幅: A4	433MHz 线圈天线	
孔径	.XX	N/A			
角度	±0.5°		比例: X : X	页码: 1	客户版本: N/A 昕芮特版本: SC

Frequency:	433MHz
Peak Gain(dBi):	1. 8
V.S.W.R:	$\leq 2. 5(@433\text{MHz})$
Impedance:	50 Ω
Orientation:	Omni
Operating temperature:	-35 $\sim$ 70° C
Antenna Length:	30mm



昆山昕芮特电子科技有限公司

Radiation Technology, Inc.

No.233 Bin Jiang S. Rd, Zhang Pu, Kunshan, Jiangsu, 215321, P.R. China

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Declaration of RoHS 2 Conformity

To minimize the environmental impact and take more responsibility to the earth we live, Radiation Technology, Inc. hereby confirms that the following product series comply with Directive 2015-863 (RoHS 2), of the European Parliament RoHS (Restriction of Hazardous Substances).

Content of Compliance

Lead	(0,1 %) by weight (1000 ppm)
Mercury	(0,1 %) by weight (1000 ppm)
Cadmium	(0,01 %) by weight (100 ppm)
Hexavalent chromium	(0,1 %) by weight (1000 ppm)
Polybrominated biphenyls (PBB)	(0,1 %) by weight (1000 ppm)
Polybrominated diphenyl ethers (PBDE)	(0,1 %) by weight (1000 ppm)
Bis(2-ethylhexyl) phthalate (DEHP)	(0,1 %) by weight (1000 ppm)
Butyl benzyl phthalate (BBP)	(0,1 %) by weight (1000 ppm)
Dibutyl phthalate (DBP)	(0,1 %) by weight (1000 ppm)
Diisobutyl phthalate (DIBP)	(0,1 %) by weight (1000 ppm)

Exemption:

The application of these substances is exempted from the requirements of EU Directive 2015-863 (RoHS 2) Article 4(1) in the following circumstances, such as:

- ⊙ Lead as an alloying element in steel containing up to 0.35% lead by weight, aluminium containing up to 0.4% lead by weight and as a copper alloy containing up to 4% lead by weight.
- ⊙ Lead in high melting temperature type solders(i.e.tin-lead solder alloys containing more than 85% lead)

Product Series

RF Cables, Antenna Cables, Earphone Cables, Wire Harnesses, Computer Cables, Medical Cables, Connectors will be compliance to RoHS 2.

Delivery

The actual delivery date for RoHS 2 compliance products will depend on our inventory status. Please contact our sales representatives for details.

Signed for and on behalf of:

Printed name: Alan Chiang

Title: General Manager

Date:2018/9/3





认证证书

此证书授予

昆山昕芮特电子科技有限公司

统一社会信用代码:91320583716844452A

认证地址:江苏省昆山市张浦镇滨江南路 233 号

符合 ISO 9001:2015 质量管理体系标准

认证范围:

各种连接头、电线组立产品（天线、耳机线、电子线、电脑线、医疗用线、高频传输线、电源线等）、微波通讯组立产品（双工器、隔离器、滤波器、耦合器等）和电子组立产品的生产、组装、销售

注册号 102091/A/0001/UK/ZH

认证决定日期	版次	证书到期日期	认证周期
2021 年 09 月 20 日	2	2024 年 09 月 19 日	2
更新日期	更新次数	首次证书发布日期	项目编号
2021 年 03 月 25 日	0	2018 年 09 月 20 日	不适用

注: 本证书发证一年后与年检标识一同使用有效

发证人:

认证经理

1 监

2 监

本证书信息可在国家认证认可监督管理委员会官方网站 (www.cnca.gov.cn) 上查询。

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