

Lifesense Medical Electronics Co., Ltd.

SPECIFICATION FOR APPROVAL

Lifesense Medical Material Specifications:

TMP-2281, Single Wire, Φ 0.6*23mm, DBT

Supplier PRODUCTS:

TMP-2281

Lifesense Medical PART NO:

30100001677

Manufacturing Company:

DBT

DATE:

2022/09/06

PROVIDER:

SHENZHEN DIBITONG TELECOMMUNICATION TECHNOLOGY CO., LTD.

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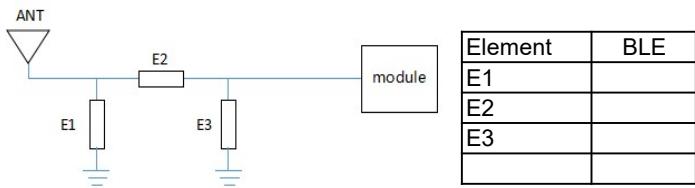
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Three、Change History

Number	Change Date	Project Name	Version	Change Content	Remark
1	2022/9/6	TMP-2281	A	Production of mass production approval letter	

2.4GHz Antenna Test Report					
Project Name	TMP-2281	Test by	YZJ	Date	2022/8/23
Project Stage	Trial production machine	HW version		SW version	
Instruments	8753D	Test Chamber	ETS		
Test conclusion		Remark			

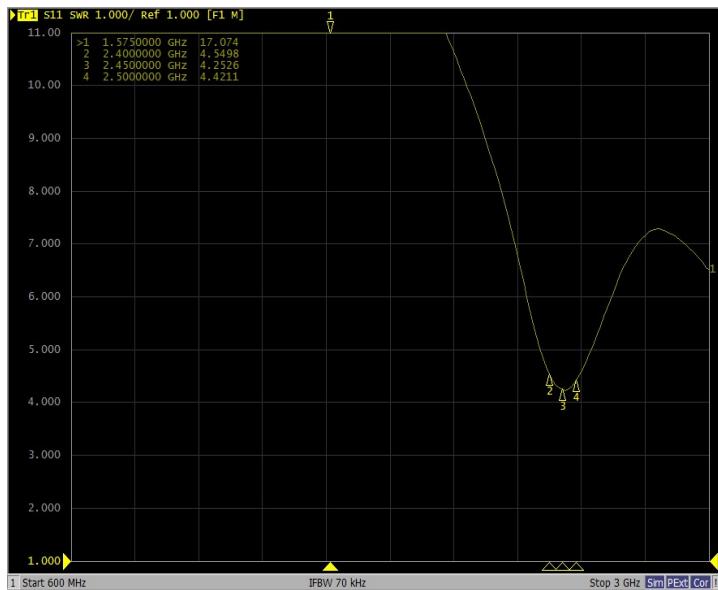
1. Matching Circuit



Element	BLE
E1	
E2	
E3	

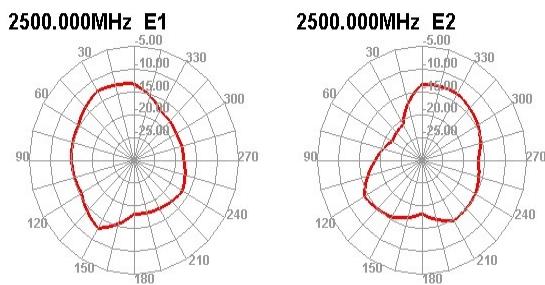
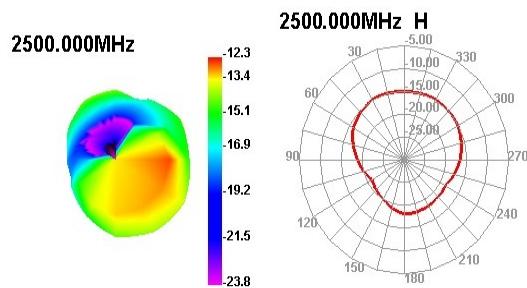
The match is unchanged

2. VSWR and Return Loss

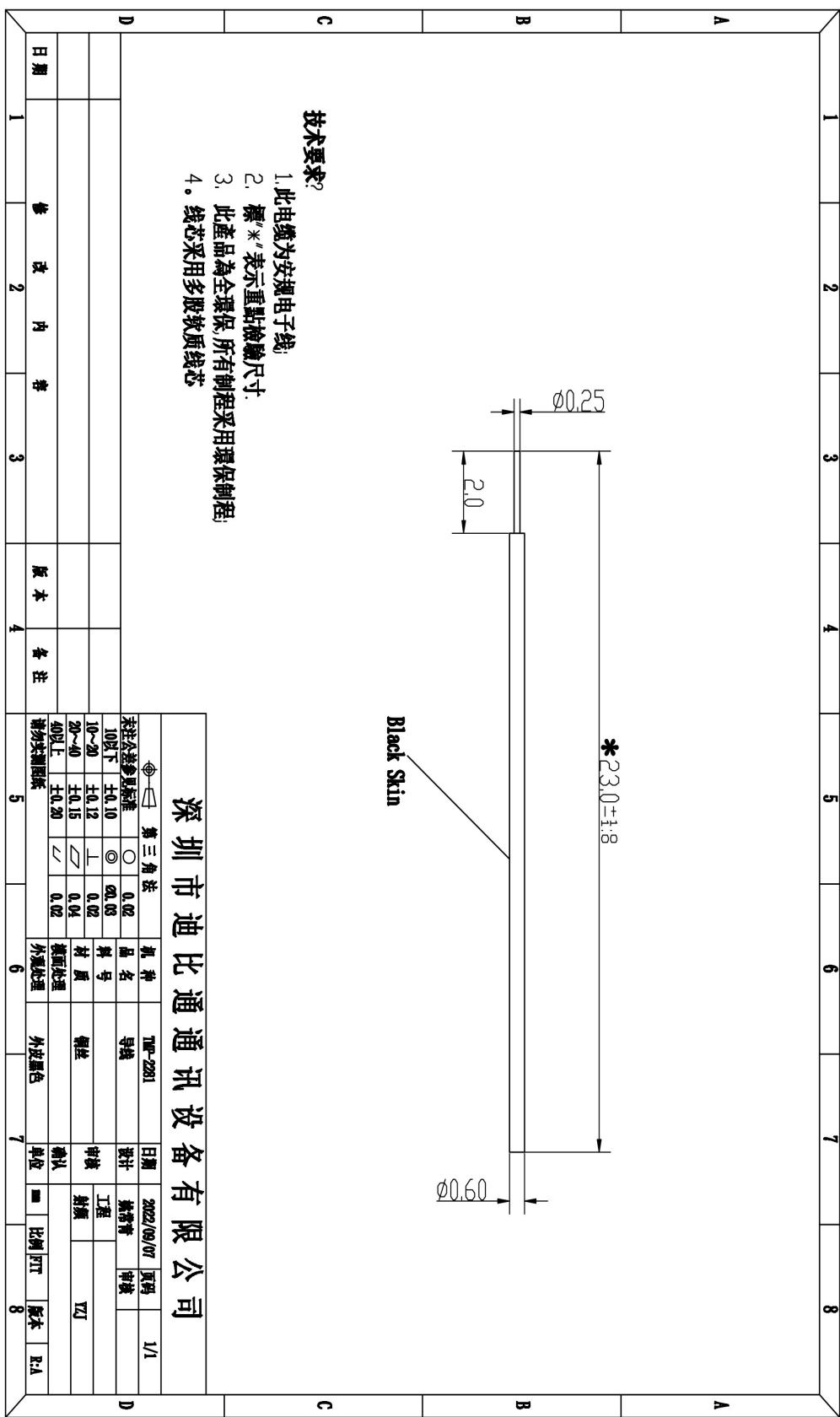


3. Antenna efficiency and 3D POLar plot

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	2.17	-16.63	-13.08
2410	2.01	-16.98	-13.43
2420	2.47	-16.08	-12.63
2430	2.26	-16.45	-12.8
2440	2.94	-15.31	-11.51
2450	2.52	-15.98	-12.26
2460	2.98	-15.26	-11.38
2470	2.55	-15.93	-11.78
2480	3.34	-14.76	-10.5
2490	2.63	-15.8	-11.45
2500	3.26	-14.87	-10.35



Five、2D Drawing



Six、Key Bill of Materials & BOM

Number	Project Name	Split Name	Split Part Model	Manufacturer's name	Applicable Products
1		Insulating Layer	FEP	XINDIAN	Conducting wire
2	TMP-2281	Tinned copper wire	Cu-Sn	XINDIAN	Conducting wire

Seven ✓ Full Size Measurement Report (FAI)

Remark: (Importance test: column signatures, three-dimensionally: 2D projections, height, width, profile, corner signs)

Report size output description:
"P": The size that needs to be destroyed and measured. report remarks when it is not measured

P: The size that needs to be destroyed and measured, report remarks when it is not measured.
Q: The dimension in question is not clearly marked on the drawing, and a remark is reported when it is not measured.

B: Dimensions that cannot be measured are marked on the drawing, and remarks are reported when not measured.

"NONE": The dimension marked on the drawing but the real object has no features, and the report notes "NONE" when it is not measured

Eight、RoHS Report

Supplier Name:		Shenzhen DBT Communication Device Co., Ltd									Supplier Approver:						
Supplier Address:		Rm505, 8th building, Yungu 2nd period, pingshan No.1 Road, Xili Town, Nanshan District, ShenZhen, China									Approver Email:						
Supplier Form Filler :		Yang ziji									Supplier Contact Number:						
Email Address:		dbt_yxp@163.com									Date:						
NO.	Lifesense Medical Part No	Supplier part	Product Name	Specifications	Name and Model	Material content(mg)	Supplier	Report Number	Test Date	ing faci	RoHS						
											Cd	Pb	Hg	Cr (VI)	(PBBs	(PBDEs)	
dong li	30100001677	TMP-2281	BLE-ant	TMP-2281, Single Wire, $\phi 0.62 \text{mm}$	DBT Cu-Sn	9	XINDIAN	SHAECC2127178503	2021/12/21	SGS	ND	ND	ND	ND	ND	ND	ND
						5	XINDIAN	MQCQ19EG0406407D1	2022/3/23	谱尼	ND	ND	ND	ND	ND	ND	ND



Yang zhigang																												
dbt_yang@163.com /13927478525																												
0755-83763273																												
2022/9/6																												
DEHP	BBP	DBP	DIBP	Br	C1	SCCP	HBCDD	Sb	Sb203	Be	As	Organotin (TBT/TPT/DBT/TBTO/DOT)	PAHS	Ni release	Azo dyes	Allergenic & Carcinogenic Dyes	DMF	BPA	PFOS& PFOA	PCP	Formaldehyde	领苯	加州65	REACH SVHC	备注	MSDS	VOC回执	VOC测试报告
ND	ND	ND	ND	ND	ND				ND				ND							ND		210						
ND	ND	ND	ND						ND													210						



广东乐心医疗电子有限公司
Guangdong Transtek Medical Electronics Co. Ltd

供应商关于REACH法规的声明书

Supplier Declaration for Substances of Very High Concern in REACH Regulation

Responsible Issuer: Supplier Information 供应商信息

Company Name 公司名称	Shenzhen DBT Communication Device Co., Ltd
Manufacturing Location 地址	Rm505, 8th building, Yungu 2nd period, pingshan No. 1 Road, Xili Town, Nanshan District, Shenzhen, China
Authorized Signature 授权人签名	杨志钢
Name 填表人	杨小平
Title 职称	品质经理
Email 邮箱	dbt_vxp@163.com
Date 日期	20220802
Company Stamp 公司印章	

Object of Declaration 声明书内容

Part Number 声明零件编号	30100001677
Part Description 零件描述	TMP-2281, Single Wire, ϕ 0.6*23mm, DBT
Was this part tested for SVHCs?	Yes
number(s) 测试报告编号	SZXEC2202337501
SVHC test report date(s) 测试日期	20220715

Above all parts or products supplied directly or indirectly from Company to Guangdong Transtek Medical Electronics Co.,Ltd do not contain SVHCs substances listed EC.1907/2006 document(See **SVHCs latest list** Annex1), and fulfill requirements for REACH regulation EC. No 1907/2006 Annex XVII (See REACH annex XVII).

供应商提供给TRANSTEK的所有产品及材料都不含有REACH法规规定的高关注度物质SVHC (**SVHCs 最新清单**见附件1)，且产品能够满足REACH法规的附录十七的限用物质的要求 (详见REACH附录

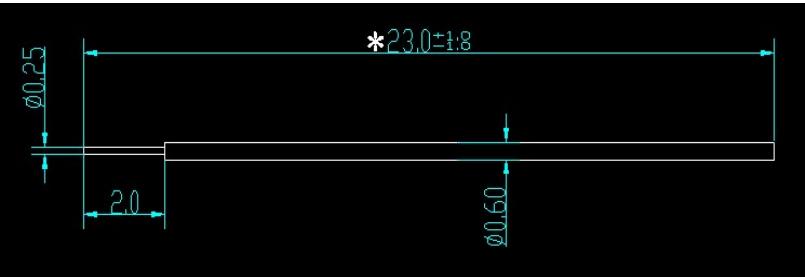
Above all parts or products except the parts filling in table 1 supplied directly or indirectly from Company to Guangdong Transtek Medical Electronics Co.,Ltd contain SVHCs substances listed EC.1907/2006 document(See **SVHCs latest list** Annex 1).Please put the part containing SVHCs to fill in table 1 and listing in table 1 P/N product contain SVHCs is less than 1000PPM, and fulfill requirements for REACH regulation EC.No 1907/2006 Annex XVII (See REACH annex XVII). 供应商提供给TRANSTEK的产品及材料含有REACH法规规定的高关注度物质SVHC (**SVHCs 最新清单**见附件)，且其浓度不超过0.1%(wt%),含有的高度关注物质信息需填入下表一内，且产品能够满足REACH法规的附录十七的限用物质的要求。

Above all parts or products except the parts filling in table 1 supplied directly or indirectly from Company to Guangdong Transtek Medical Electronics Co.,Ltd contain SVHCs substances listed EC.1907/2006 document(See **SVHCs latest list** Annex 1).Please put the part containing SVHCs to fill in table 1 and listing in table 1 P/N product contain SVHCs is more than 1000PPM, and fulfill requirements for REACH regulation EC.No 1907/2006 Annex XVII (See REACH annex XVII). 供应商提供给TRANSTEK的产品及材料含有REACH法规规定的高关注度物质SVHC (**SVHCs 最新清单**见附件)，且其浓度超过0.1%(wt%),含有的高度关注物质信息需填入下表一内，且产品能够满足REACH法规的附录十七的限用物质的要求。

Table 1

CY-FOR-0556 A1版

Ten、Packing

1.2D drawing of a single product		Product part number	30100001677
		Product name	TMP-2281/ Conducting wire
		Product Version	V1.0
3.Photo of all layers in the box stacked	4.Photos of the whole box after sealing		
			
5.photo of the whole package	6.photo of carton label		
	 <p>TRANSTEK 中山乐心电子有限公司 进料检验标签 料号: 3301-T06191001301 物料名称: 010050, 线长: 13.6±0.5mm, 壁厚: 0.08mm FO# 合规 科号: 501-0009000004 供应商生产日期: 2019-11-28 厂名: 乐心电子(中山)有限公司 厂址: 中山市东区火炬开发区 山一路三十六号 料号/品名: Lot No. 天键 料号/品名: 日期: 2019-11-28 箱数/盒数: 检验状态: 合格 箱数/盒数: 每箱数量: 10000 每箱数量: 10000 TRANSTEK 料号(标准 判定结果: 4级(良品) 判定结果: 4级(良品) 判定结果: 4级(良品) 判定结果: 4级(良品)</p>		
<p>Note: The pictures in the above picture are only for demonstration of packaging standards and cannot be used for final data review.</p>			
Check	Yang xiaoping	Date	2022-9-6