

松星瑞實業(深圳)有限公司

承認書

SPECIFICATION FOR APPROVAL

客戶 (Customer)	Onda Radio	
品名 (Model Name)	SVT 18AWG/3C	
型號 (Model NO.)	CX-180	
客戶料號 (Customer Part NO.)		
松星料號 (SONDATA Part NO.)		
文件編號 (File NO.)	版本 (Ver.)	A0

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CUSTOMER			SONDATA		
			Approved By	Check By	Prepared By
			Michael	Gary	Vencent



一、适用范围 SCOPES OF APPLICATION

本规格书适用于YY-3/ST3型插头电源线，其符合 SJ/T9167.11-93 UL498-86中 10A125V插头和插座的技术要求。

This specs is applicable for YY-3/ST3 socket power cable, conforming to SJ/T9167.11-93 UL498-86(10A 125V AC Household appliance and similar purposes to plug the power cord of the general technical requirements.)

二、引用标准 REFERENCE STANDARD

本标准根据 SJ/T9167.11-93 UL498-86 (插头和插座)和 UL62-1998 (软线和装置线)。

According to this standard SJ/UL498 T9167.11-93-93 (plug and socket) and the UL62-1998 (soft line and line of the device).

三、结构 Structure

3.1插头部分 Socket Part

3.1.1型号 Model: YY-3/ST3型插头线 YY-3/ST3 Socket CORD

3.1.2材料 Material: PVC、铜插销 Copper bolt

3.1.3规格 Specs: 10A, 125V

3.1.4尺寸 Size: 见附图 See attached.

3.1.5标志 Marks:

3.1.5.1插头标志 SOCKET MARKS: UL

3.1.5.2电线标志 CORD MARKS: UL

3.1.6外观质量: 塑料件表面应光洁、无气泡、无明显裂纹、缺料、变形等缺陷。插销表面光洁、平直、无毛刺。

Appearance quality: the plastic surface should be smooth, no bubbles, no obvious defects such as crack, lack of material, deformation. Bolt surface is smooth, flat, no burr.

3.1.6结构: 不可拆线插头。插销牢固、锁定而不能旋转。

Structure: do not remove the plug. Bolt solid, lock and cannot rotate.

3.2电线部分Cord part:

3.2.1型号 Model: SVT 18AWG/3C

3.2.2材料: PVC、铜丝 copper wire

3.2.3规格: 见下表 . specs see below table

标称截面 mm ²	导电线芯结构 根数 Numbers of conductive wire core /单线直径 Single wire diameter mm	绝缘标称 厚度 Nominal thickness of insulation mm	护套标称 厚度 Sheathed nominal thickness mm	电线外径 (近似) Wire diameter (approximate)	20℃时导体直流 电阻不大于 (Ω /KM) At 20 °C conductor dc resistance is not greater than (Ω/KM
0.824	47/0.15	0.38	0.76	5.84~6.73	22.4

四、性能要求 Performance requirement

4.1插头线：技术要求符合 UL817/UL498标准规定。见表 1。

Plug wire: technical requirements conform to the requirement of UL817/UL498. See table 1.

4.2电线、电缆电气性能：机械物理性能应符合 UL62-1998标准规定。见表 2。

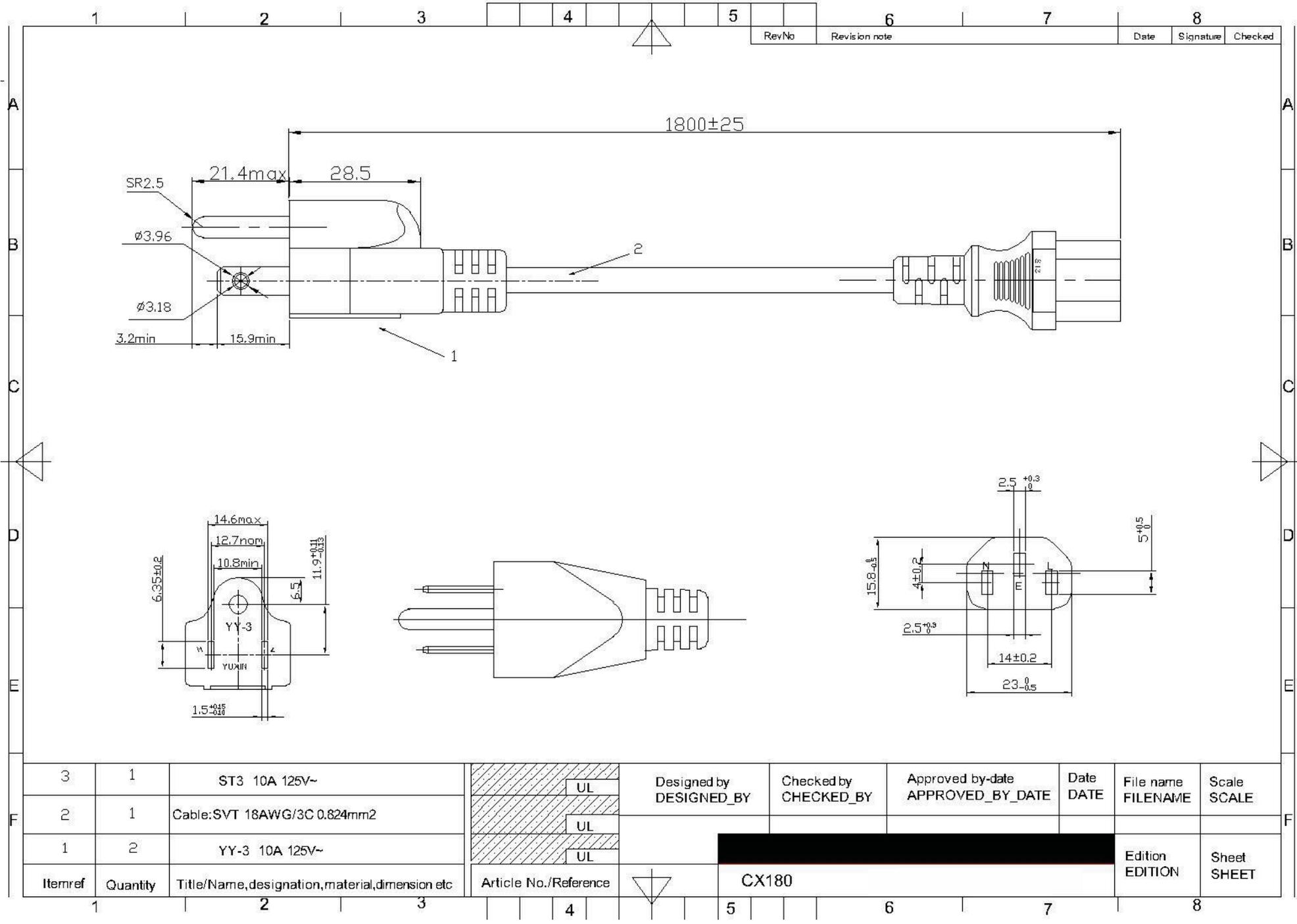
Electrical wire and cable properties: mechanical and physical performance should comply with the standards of DIN VDE 0281.Are shown in table 2.

表 1插头部分

序号	检验项目 Testing Programme	标准要求 Standard and Requirement
1	插头结构尺寸 Socket structure size	符合附图的要求 Conform to attached pictures requirement
2	插头体外观质量Socket appearance	塑料件表面应光洁、无气泡、缺料、变形等缺陷。插销表面光洁、平直、镀层光亮。 Plastic surface should be smooth, no bubbles, such as lack of material, deformation defects.Bolt surface is smooth, flat, brightness of coating.
3	绝缘电阻insulation resistance	插头应有足够的绝缘电阻和电流强度应依次在如下部件之间测量，绝缘电阻应不小于 100MΩ。 a.在所有连接在一起的极与本体之间； b.依次在每一极与连接到本体上所有其它极度之间；绝缘电阻用约 500V的直流电压来测量，在施加电压 1min后进行。 Plug should have enough insulation resistance and electric current intensity should be measured between the following parts, in turn insulation resistance shall be not less than 100 m Ω.A. in all together with ontology;B. in each pole in turn and connected to the ontology between all the other extreme.With about 500 v dc voltage insulation resistance measurements, in 1 min after the applied voltage.
4	电气强度Dielectric strength	在上述 a.和 b.规定部件之间，施加 1250V~ 50Hz基本呈正旋波形的电压 1min，试验期间，不得出现击穿或闪络现象。如试验电压提高到 1500V，试验时间可缩短到 1~2S。 In the above a. and b. regulations between parts, 1250 v ~ 50 hz was positively spin wave voltage for 1 min, basic experiments, may not appear breakdown or flashover phenomenon.Such as the test voltage to 1500 v, test time can be shortened to 1 ~ 2 s.
5	通电试验 Electric test	插头线经通电试验后不应有： 1.断线； 2.相线、中性线之间短路； Plug wire after electrify test should avoid: 1. The bolt;2. Short circuit between phase line and neutral line;

表 2 电线部分

序号	检	验项目 Testing programme	标准要求 Testing standard
		电缆芯数 numbers of cable	3芯 3pcs
1	结构	绝缘线芯颜色 Insulation wire core color	白黑绿 white black green
		电线外形尺寸 (近似值) Wire dimension (approximation)	5.84~6.73 mm
2	耐压试验 Withstand voltage test	成品电缆电压试验 (水中) The finished cable voltage test (in the water)	2000V 5min
3	导体conductor	导体根数 The number of conductors	47/0.15
		导体电阻 Ω /KM Conductor resistance Ω /KM	22.4
4	绝缘厚度Insulation thickness	平均厚度The average thickness	0.38
		最薄点厚度 Thickness of the thinnest point	0.33
5	护套厚度The thickness of the sheath	平均厚度 The average thickness	0.76
		最薄点厚度 Thickness of the thinnest point	0.61



3	1	ST3 10A 125V~	UL	Designed by	Checked by	Approved by-date	Date	File name	Scale
2	1	Cable:SVT 18AWG/3C 0.824mm2		DESIGNED_BY	CHECKED_BY	APPROVED_BY_DATE	DATE	FILENAME	SCALE
1	2	YY-3 10A 125V~		UL					
Itemref	Quantity	Title/Name, designation, material, dimension etc	Article No./Reference	CX180				Edition	Sheet
								EDITION	SHEET

RevNo	Revision note	Date	Signature	Checked
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