

ECT Electric Connector Technology CO.,LTD 深圳市电连精密技术有限公司	Product Specification	DOC. No.: 651-0158-01		Rev.: B	Page: 1/4
	PART No.:	Approved/Date		Checked/Date	Made/Date
	ECT818000158	Henry 11/01/10'		Henry 11/01/10'	SAM 11/01/10'

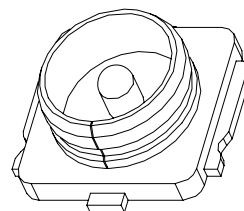
1、Scope(简述)

The product described in this paper is a SMT Type Micro Coaxial RF Receptacle ,whose part name in our comply is USS RF REC..It is special for Microstrip-to-Coaxial adapter in RF circuit,Such as Mobile Phone ,Wireless Net, MiniPCI,Bluetooth,PDA,GPS,Electric Measurement Instruments and so on.

本产品为超小表面贴装（USS RF 第 II 代），适用于 RF 电路微带同轴传输转接口,应用于移动电话,无线网络,袖珍型 PCI, 蓝牙,掌上电脑, 全球定位系统, 电子测量仪器, 等等

2、Technical Parameters(技术参数)

2.1 Rated Voltage(额定电压)	60VAC (R. M. S)
2.2 Frequency Range(频率范围)	0~6GHz
2.3 Character Impedance(特性阻抗)	50Ω
2.4 Operate Temperature(工作温度)	-40℃~+90℃
2.5 Operate Humidity(工作湿度)	90% MAX



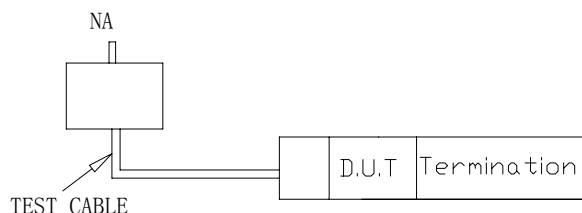
3、Electric Performance (电性能)

3.1 Dielectric Resistance(绝缘阻抗)	500MΩ
3.2 Dielectric Withstand Voltage(耐电压)	200V AC 1Min
3.3 Contact Resistance(接触阻抗)	
3.3.1 Inner Contact(内导体)	Initial(初始): 15 mΩ max After(测试后): 20 mΩ max
3.3.2 Outer Contact(外导体)	Initial(初始): 10 mΩ max After(测试后): 15 mΩ max

3.4 VSWR(电压驻波比)

≦3GHz	3-6GHz
1.2 max	1.3 max

3.4.1 Test Method(测试方法):



4、Meannical Performance(机械性能)

4.1 Durability(寿命)	100 Cycles
4.2 Shock(冲击)	Accerlaration: 735m/s ² , 11ms (Time), Waveform: Half-wave waveform, 6 Cycles In Each X-Y-Zaxis 加速度: 735m/s ² , 11ms (时间), 波形: 半正弦波, 3个轴向各6个循环
4.3 Vibration (振动)	Frequency: 10-100Hz, single amplitude of 1.5mm, acceleration of 59m/s ² .for 5cycles in the direction of each of the 3axis. 频率: 10-100Hz, 单向幅度 1.5mm, 加速度: 59m/s ² , 3 个轴向各 5 个循环

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5、Enviroment Performance (环境性能)

5.1 Temperature & Humidity Cycling (稳态湿热)

TEM.: 60℃ Relative Humidity: 95% RH Time: 96 hours

温度: 40℃ 湿度: 95% RH 时间: 96 hours

5.2 Salt spray (盐雾试验)

Temp.: 35℃ Conduction: 5% Time: 48 hours

温度: 35℃ 浓度: 5% 时间: 48 hours

5.3 Solderability (可焊性)

The Sn Immersed Area must beyond by 95%.

吃锡面积 95%以上

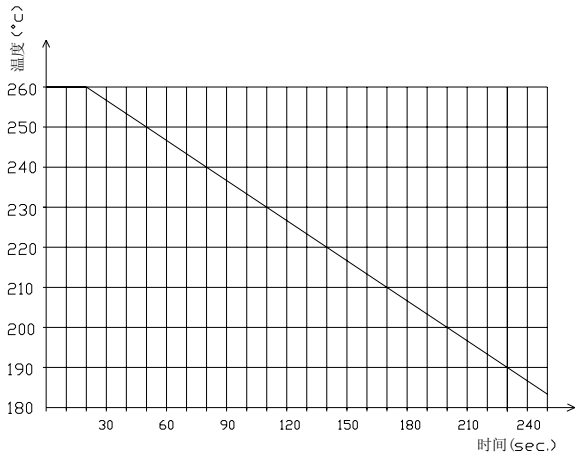
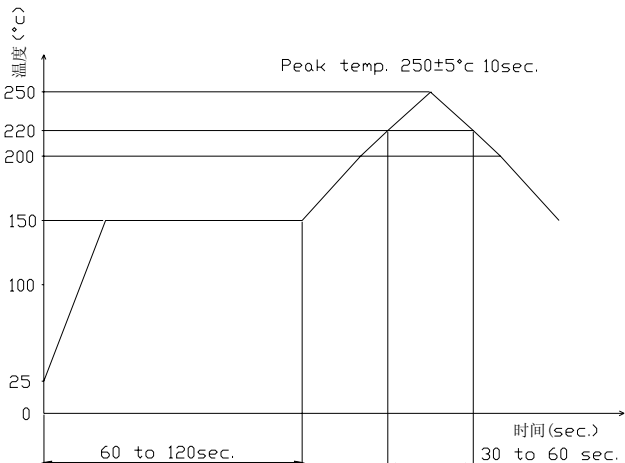
6、SMT Temperature Curve (SMT 温度曲线图)

6.1 Recommanded tem.&time relative curve of Re-flow.

6.2 Extremed tem.&time curve of Re-flow

建议回流焊温度与时间条件

回流焊极限温度与时间条件



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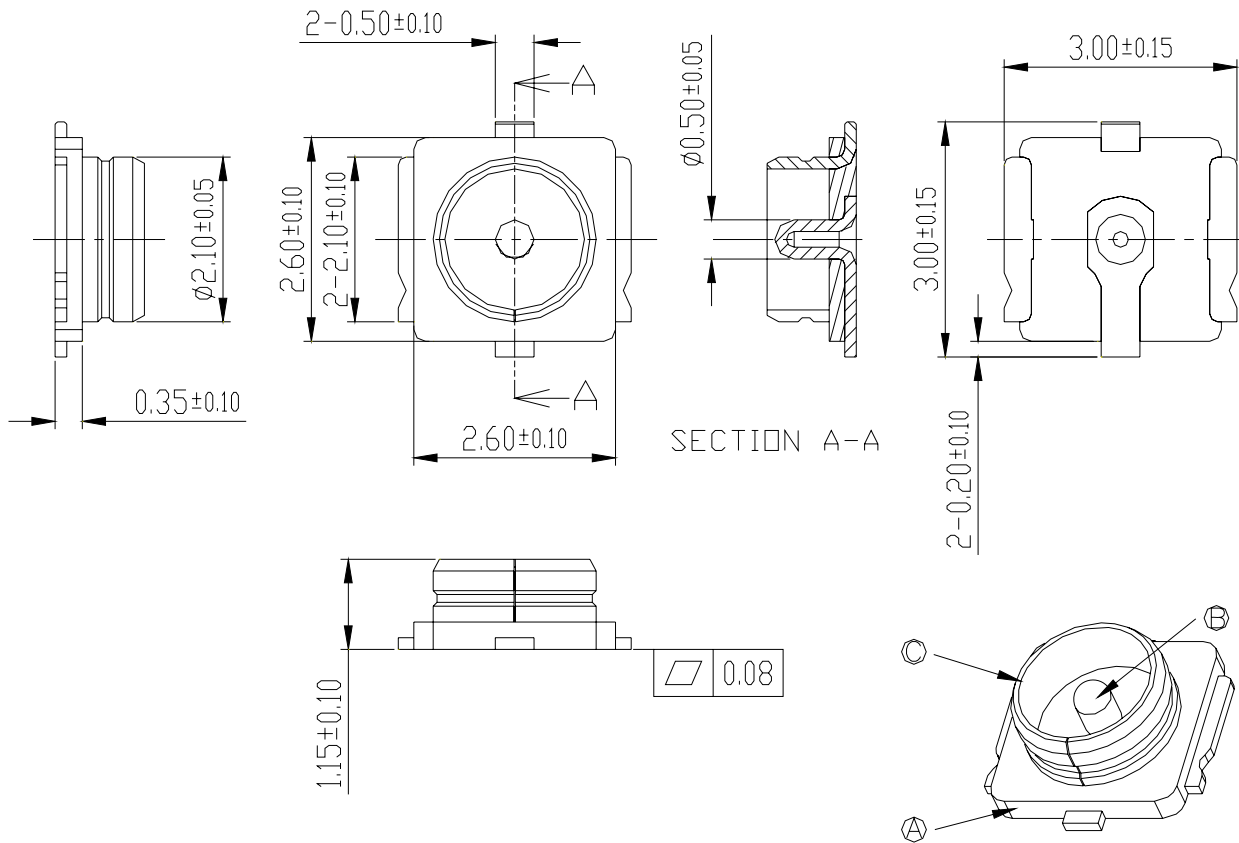
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Henry
11/01/10'

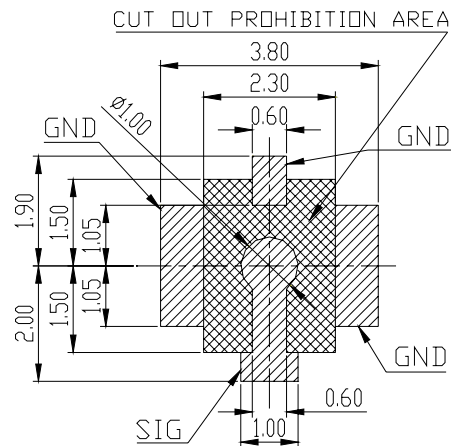
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SAM
11/01/10'**7、Profile Dimensions (外形尺寸)**

◎	SHELL	1	COPPER ALLOY/Ag PLATED OVER Ni
⊙	CONTACT	1	COPPER ALLOY/GOLD PLATED OVER Ni
Ⓐ	HOUSING	1	HIGHT TEMP. PLASTIC UL94V-0/BLACK
ITEM	PART NAME	Q'TY	MATERIAL/FINISH

8、PCB LAYOUT

RECOMMENDED P.C.B. LAYOUT
(TOLERANCE ± 0.05)

