

1

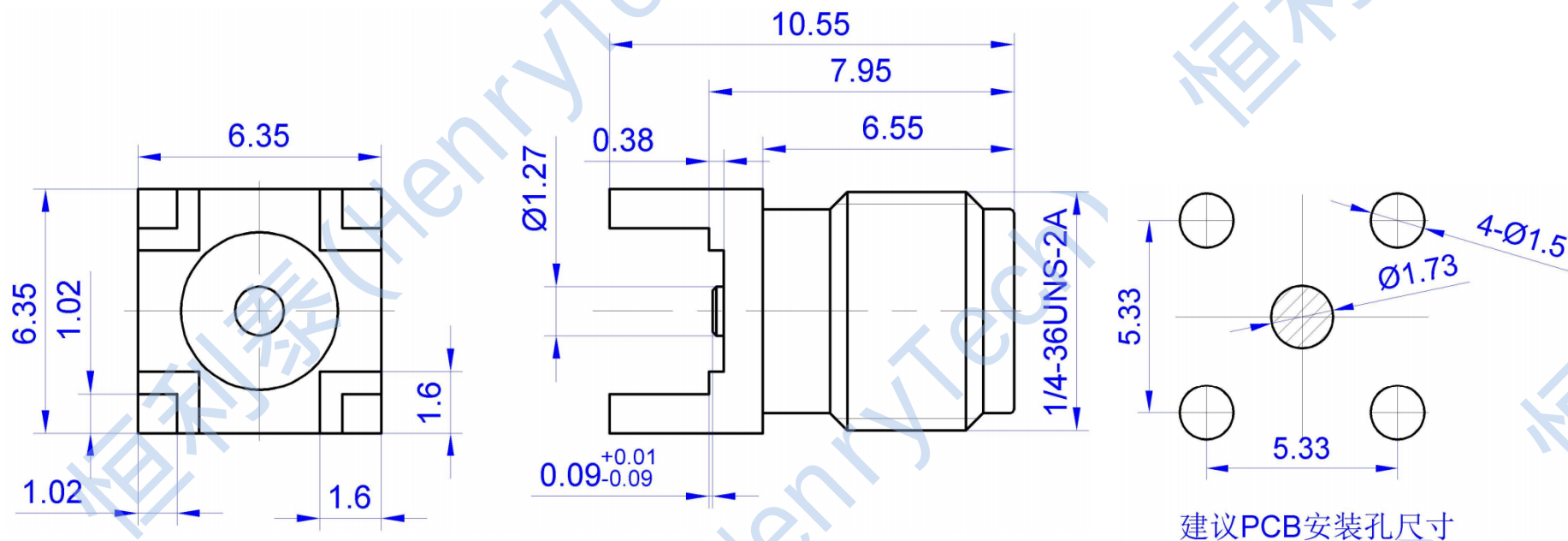
2

3

4

This document contains proprietary information and such information may not be disclosed to others for any purposes,  
not used for sales/marketing/procurement purposes without written permission

| REV | DESCRIPTION OF REVISION | ECN NO. | BY    | DATE    | APPROVED |
|-----|-------------------------|---------|-------|---------|----------|
| A   | Initial Release         | —       | H.wei | 12/7/06 | 12/7/06  |



#### 技术特性/Electrical Specifications

特性阻抗/Impedance  
频率范围/Frequency Range  
电压驻波比/VSWR  
插入损耗/Insert Loss  
耐压/Withstanding Voltage  
绝缘电阻/Insulation Resistance

50 Ω  
DC-18GHz  
≤1.25  
≤0.06xsq. (f GHz) dB  
≥750V  
≥5000MΩ

#### 材料/Material Data

外导体/Outer contact  
中心导体/Center contact  
绝缘介质/Insulator

黄铜/Brass/金 gold Plated  
磷青铜/Phosphor Bronze/金 gold Plated  
聚四氟乙烯/PTFE

#### 连接参数/The connection parameters

耐久性/durability  
内导体保持力/Center conductor retention

≥500次 (cycles)  
≥0.28N

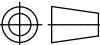
#### 环境参数/Environmental Data

温度范围/Temperature Range

-55°C to 155°C

#### Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

|                                                                                         |                                                                   |                                                                                                                     |              |             |               |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------|-------------|---------------|
| DRAWN: H.wei 12/07/06                                                                   | TITLE:<br>RF Coaxial Connector<br>SMA Female Connector<br>For PCB |                                |              |             |               |
| ENGINEER: L.yu 12/07/06                                                                 |                                                                   |  DIMENSION IN MILLIMETERS (mm) |              |             |               |
| APPROVED: W.yi 12/07/06                                                                 |                                                                   | PART NO:                                                                                                            | HL3-SMA-KHDT | SIZE:<br>A4 | SCALE:<br>N/A |
| TOLERANCES UNLESS OTHERWISE SPECIFIED<br>X ±0.50<br>.X ±0.20<br>.XX ±0.10<br>ANGLES ±1° |                                                                   | SHEET:<br>1/1                                                                                                       | REV:<br>A    |             |               |

1

2

3

4