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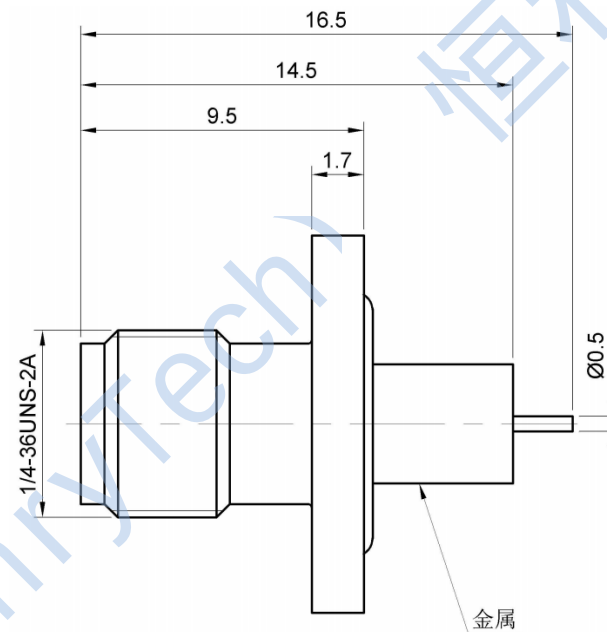
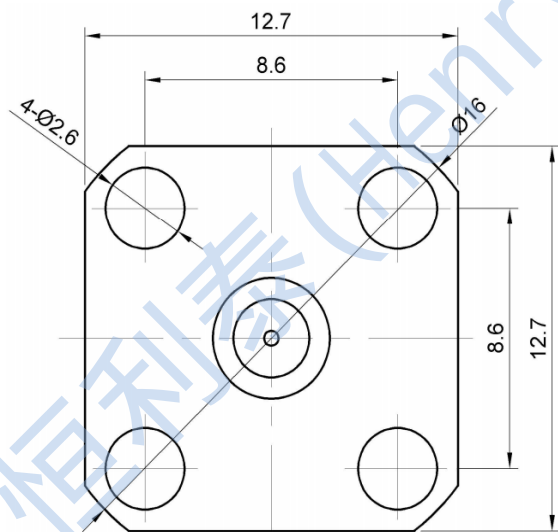
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| REV | DESCRIPTION OF REVISION | ECN NO. | BY    | DATE    | APPROVED |
|-----|-------------------------|---------|-------|---------|----------|
| A   | Initial Release         | —       | H.wei | 12/7/06 | 12/7/06  |



#### 技术特性/Electrical Specifications

|                            |                       |
|----------------------------|-----------------------|
| 特性阻抗/Impedance             | 50 Ω                  |
| 频率范围/Frequency Range       | DC-18GHz              |
| 电压驻波比/VSWR                 | ≤1.25                 |
| 插入损耗/Insert Loss           | ≤0.06xsqt. (f GHz) dB |
| 耐压/Withstanding Voltage    | ≥1000V                |
| 绝缘电阻/Insulation Resistance | ≥5000M Ω              |

#### 连接参数/The connection parameters

耐久性/durability ≥500次 (cycles)

#### 环境参数/Environmental Data

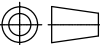
温度范围/Temperature Range -65℃ to 125℃

#### 材料/Material Data

|                     |                                    |
|---------------------|------------------------------------|
| 外导体/Outer contact   | 不锈钢 Stainless Steel/钝化 Passivation |
| 中心导体/Center contact | 铍青铜 Beryllium Bronze/金 gold Plated |
| 绝缘介质/Insulator      | 聚四氟乙烯&聚醚酰亚胺/PTFE&PEI               |

#### 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 Straight Flange Connector |                                |            |        |  |
| ENGINEER: L.yu 12/07/06                                                                  |                                                                        |                                                                                                                     |            |        |  |
| APPROVED: W.yi 12/07/06                                                                  |                                                                        |  DIMENSION IN MILLIMETERS (mm) |            |        |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED<br>.X ±0.50<br>.X ±0.20<br>.XX ±0.10<br>ANGLES ±1° |                                                                        |                                                                                                                     |            |        |  |
| PART NO: HL3-SMA-KFD-5-2MG                                                               | SIZE: A4                                                               | SCALE: N/A                                                                                                          | SHEET: 1/1 | REV: A |  |

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