

1

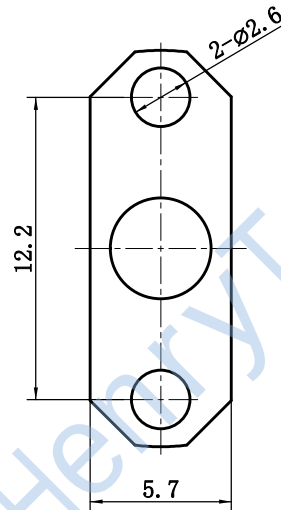
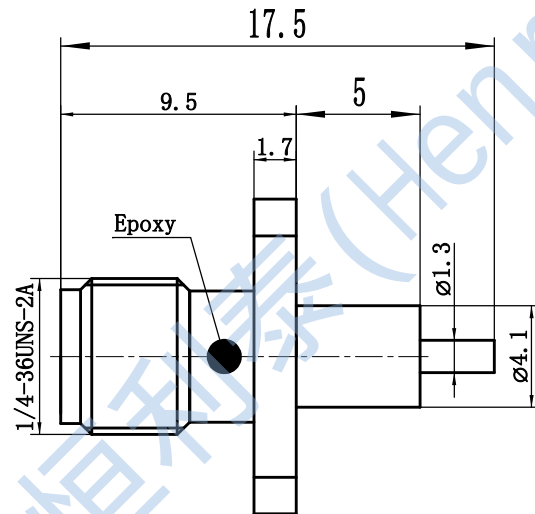
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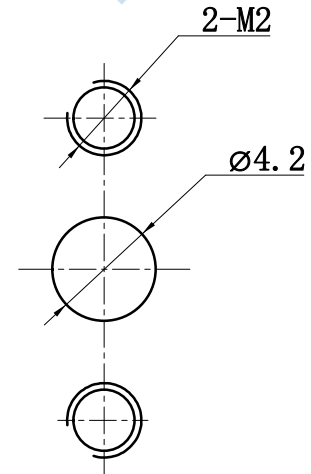
4

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



Recommended
Mounting Hole



1 Electrical 电气性能

- 1.1 Impedance 特性阻抗: 50 Ω
- 1.2 Frequency 频率范围: DC~18GHz
- 1.3 VSWR 电压驻波比: $\leq 1.20 @ 6\text{GHz}$
- 1.4 Insertion Loss (dB): $\leq 0.05 \times \text{Sqt. (f_GHz)}$
- 1.5 Insulation resistance 绝缘电阻: $\geq 5000\text{M}\Omega$
- 1.6 Dielectric withstanding voltage 介质耐压: 1000V

2 Environmental & Mechanical 环境 & 机械性能

- 2.1 Temperature range 温度范围: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- 2.2 RoHs Compliant 符合RoHs
- 2.3 Durability 寿命: >500 cycles (次)

3 Materials & Finish 材料 & 涂镀

- 3.1 Body 外壳: Brass, Gold Plated 黄铜, 镀金
- 3.2 Insulator 绝缘介质: Teflon 聚四氟乙烯
- 3.3 Contact Pin 中心导体: Beryllium-Copper, Gold Plated 铍青铜, 镀金

Notes:

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

DRAWN: H.wei 12/07/06

ENGINEER: L.yu 12/07/06

APPROVED: W.yi 12/07/06

TOLERANCES UNLESS OTHERWISE SPECIFIED

X ± 0.50

.X ± 0.20

.XX ± 0.10

ANGLES $\pm 1^{\circ}$

TITLE:

RF Coaxial Connector

SMA Female Flange

Connector Terminal

PART NO: HL-SMA-KFD1010



DIMENSION IN MILLIMETERS (mm)

SIZE:
A4

SCALE:
N/A

SHEET:
1/1

REV:
A

1

2

3

4