

1

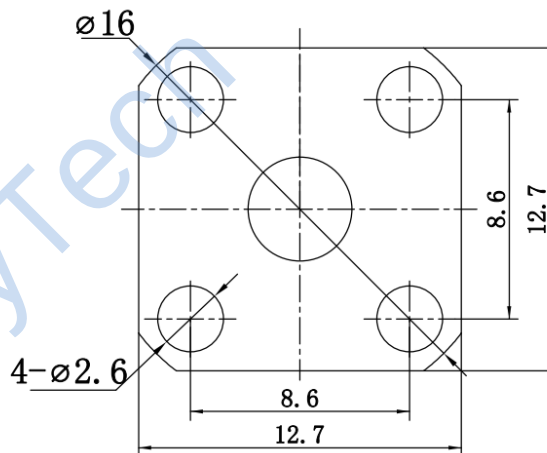
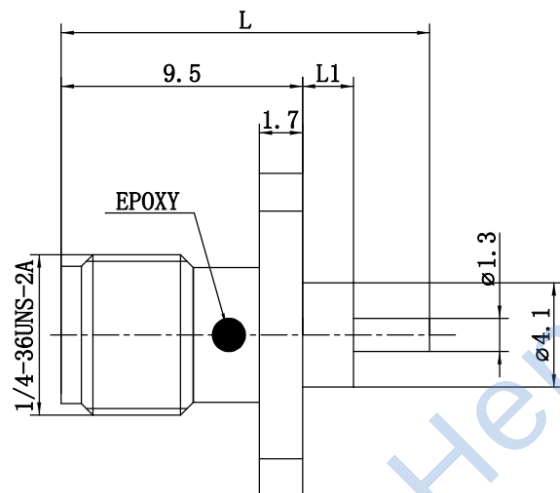
2

3

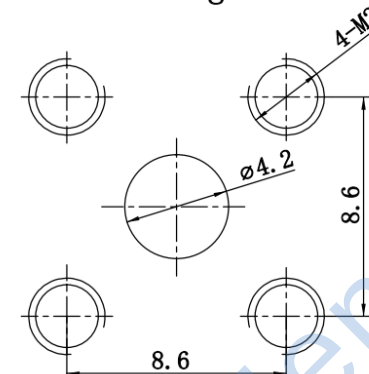
4

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



Recommended
Mounting Hole



1 Electrical

- | | |
|-------------------------------------|--------------------|
| 1.1 Impedance | 50 Ω |
| 1.2 Frequency | DC~18GHz |
| 1.2 Dielectric withstanding voltage | 1000V(volts RMS) |
| 1.3 Center contact resistance | $\leq 3M\Omega$ |
| 1.4 Outer contact resistance | $\leq 2M\Omega$ |
| 1.5 Insulation resistance: | $\geq 5000M\Omega$ |
| 1.6 VSWR | $\leq 1.20@6GHz$ |

2 Environmental&Mechanical

- | | |
|-----------------------|-------------|
| 2.1 Temperature range | -45℃~125℃ |
| 2.2 RoHs Compliant | |
| 2.3 Durability | >500 cycles |

3 Materials&plating

- | | |
|------------------|-------------------------------|
| 3.1 Body: | Brass, Gold plated |
| 3.2 Insulator: | Teflon |
| 3,3 Contact Pin: | Beryllium-Copper, Gold plated |

L	L1	P/N
14.5	2	HL-SMA-KFD1022
15.5	3	HL-SMA-KFD1023
16.5	4	HL-SMA-KFD5C
17.5	5	HL-SMA-KFD1024
18.5	6	HL-SMA-KFD1025
19.5	7	HL-SMA-KFD1026
20.5	8	HL-SMA-KFD177
21.5	9	HL-SMA-KFD6A
22.5	10	HL-SMA-KFD1027
23.5	11	HL-SMA-KFD1028
24.5	12	HL-SMA-KFD197A
27.5	15	HL-SMA-KFD22

Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE NOTICE AT ANY TIME
- 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-KFD 4孔 11款产品



DIMENSION IN MILLIMETERS (mm)

SIZE: A4

SCALE: N/A

SHEET: 1/1

REV: A