

1

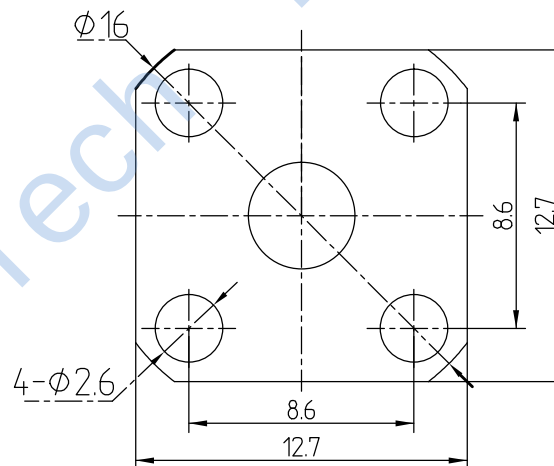
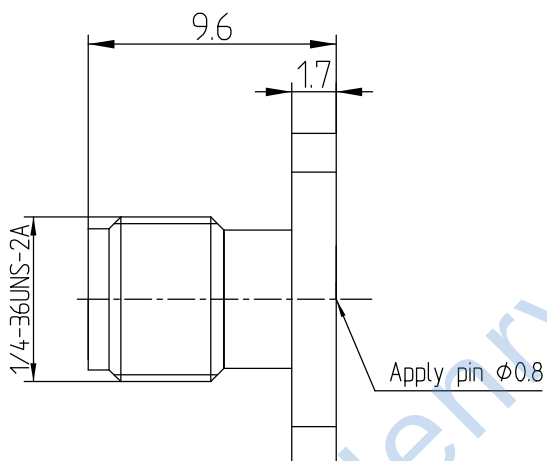
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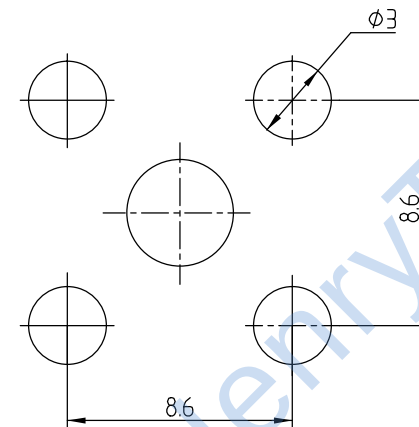
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REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
A	Initial Release	—	H.wei	12/7/06	12/7/06



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	$\leq 3\text{M}\Omega$
1.4 Outer contact resistance	$\leq 2\text{M}\Omega$
1.5 Insulation resistance:	$\geq 5000\text{M}\Omega$
1.6 VSWR	1.25 : 1

2 Environmental&Mechanical

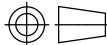
2.1 Temperature range	-45℃~125℃
2.2 RoHs Compliant	
2.3 Durability	>500 cycles

3 Materials&plating

3.1 Body:	Brass, Gold plated
3.2 Insulator:	Teflon
3.3 Contact Pin:	Beryllium-copper, Gold plated

Notes:

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

DRAWN: H.wei 12/07/06	TITLE: RF Coaxial Connector SMA Female Flange Conn. For Dia. 0.8 Pin				
ENGINEER: L.yu 12/07/06					
APPROVED: W.yi 12/07/06		 DIMENSION IN MILLIMETERS (mm)			
TOLERANCES UNLESS OTHERWISE SPECIFIED					
X ±0.50	PART NO: HL-SMA-KFD0.8G	SIZE: A4	SCALE: N/A	SHEET: 1/1	REV: A
.X ±0.20					
.XX ±0.10					
ANGLES ±1°					