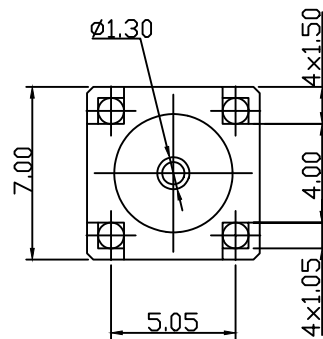
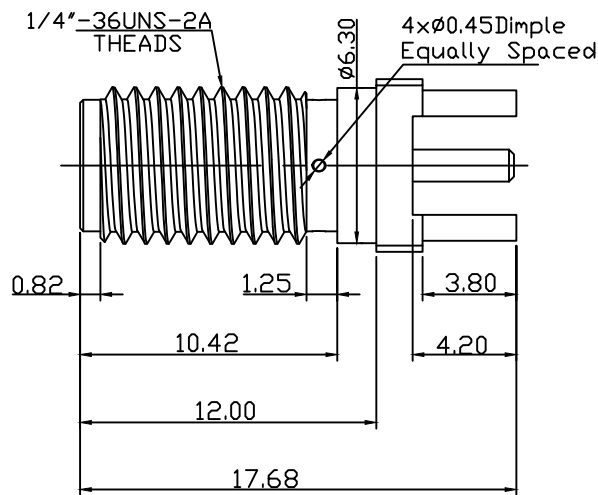
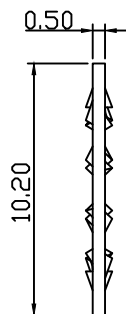
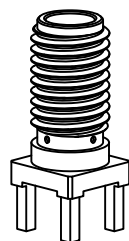




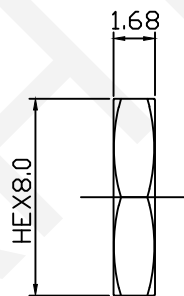
Connector: SMA Jack (Female Socket)
 Termination: PCB Through Hole Mount
 Material:
 Body: Brass, Nickel/Gold
 Shell: Brass, Nickel/Gold
 Washer: Brass, Nickel/Gold
 Nut: Brass, Nickel/Gold
 Socket: Be Cu, Nickel/Gold
 Insulator: PTFE



WASHER



SCALE 2:1



NUT

Notes: (Unless Otherwise Specified)

1. All Dimensions Are In mm [Inches].
2. Dimensions Apply After Finishing.
3. Manufacture To Be Compliant With Eu RoHS Directive, Use Materials That Do Not Contain Reach Substances Of Very High Concern >1000ppm, And Use Drc Conflict-Free Sourced Materials.
4. Safety Break All Sharp Corners And Edges 0.5 Maximum.
5. See Table I For Electrical Specifications. (Sheet 2)
6. See Table II For Environmental Specifications. (Sheet 2)
7. See Table III For Mechanical Specifications. (Sheet 2)
8. See Partslist, "x" Indicates Finish Type.

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UNITS:mm	SHEET SIZE: A4			SCALE:---
0~3	3~18	18~50	50~120	
±0.12	±0.15	±0.3	±0.5	

DRWN BY PAN
 CHK'D BY FENG
 APPR BY ZHAN

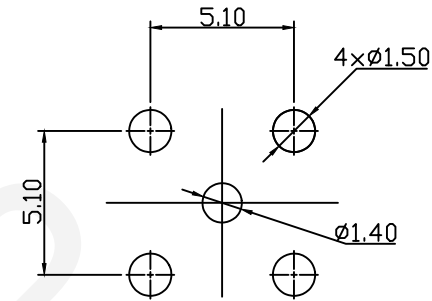
PCB Mount SMA Connector Straight
 (Jack, Female & Male, 50Ω) L17.68mm



RHTAYMA251

5.TABLE I

Electrical Data	Detail
Impedance	50 Ω
Frequency Range	0~6 GHz
Insulation Resistance	5000M Ω Min
Voltage Rating	1000V RMS
Contact Resistance	Center: $\leq 3.0m\Omega$ Outer: $\leq 2.5m\Omega$
VSWR	---



RECOMMENDED FOOTPRINT

6.TABLE II

Electrical Data	Detail
Corrosion(Salt spray)	ASTMB-117
Thermal shock	MIL-STD-202 Method 107 test conditionB
Vibration	MIL-STD-202 Method 204 test conditionD
Mechanical Shock	DMIL-STD-202 Method 213 test conditionI
Temperature Range	-55 $^{\circ}$ C to +155 $^{\circ}$ C
Environmental Compliance	RoHSI

7.TABLE III

Electrical Data	Detail
Mounting Type	PCB Through Hole Mount, Panel Mount
Fastening Type	1/4"-36 Threaded Coupling
Recommended Torque	0.57Nm (5.0 in.lbs.min)
Coupling Nut Retention	60 lbs.min.
Connector Durability	500 cycles min.
Weight	2.8g (0.1oz)

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

PCB Mount SMA Connector Straight
(Jack,Female&Male,50 Ω)L17.68mm

0~3 3~18 18~50 50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

RHTAYMA251

 ± 0.12 ± 0.15 ± 0.3 ± 0.5

APPR BY ZHAN

