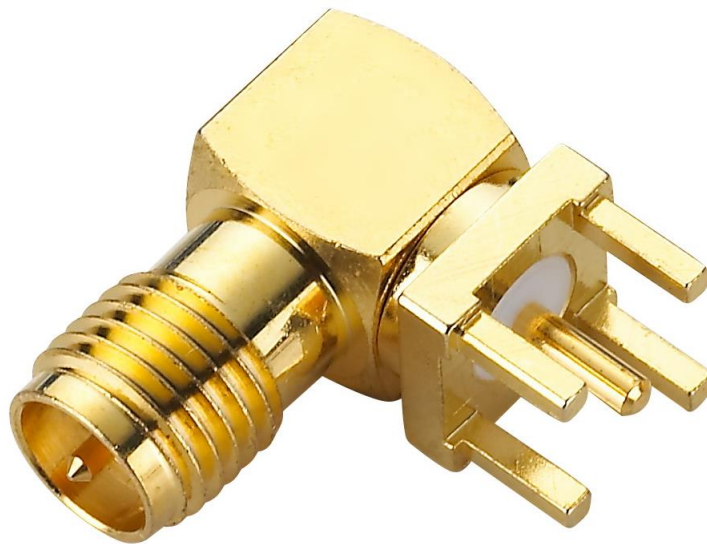


## SPECIFICATION

Part No. : **PCB.RPSMAFRA.HT**

Product Name : RP-SMA(F)RA PCB Mount Jack Connector  
Solder Attachment Through Hole

Feature : RP-SMA(F)RA Jack  
Through Hole  
Frequency Range: DC up to 6GHz  
Finish: Gold  
Dimensions: 13.75mm\*15.1mm  
RoHS Compliant



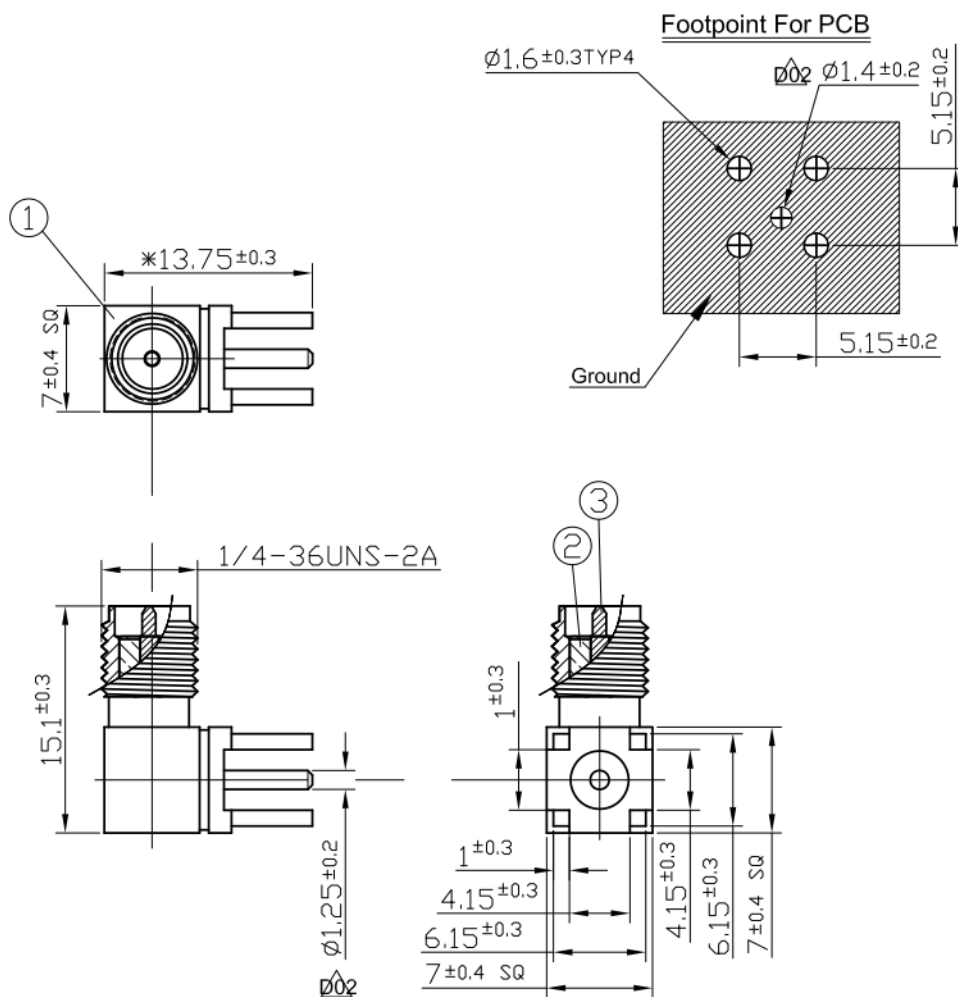
## 1. Introduction

The PCB.RPSMAFRA.HT connector was designed to be mounted on a PCB. The maximum thickness of PCB that the connector can be used with is 0.4mm. The connector pin is directly soldered onto pads on the PCB. The connector is a standard RP-SMA(F)RA Jack. Taoglas connectors are all RoHS compliant.

## 2. Specification

ELECTRICAL	
Impedance	50Ω
Frequency Range	DC~6 GHz
Working Voltage	Max. ≤170 Vrms
Dielectric withstanding Voltage	500 Vrms
Insulation Resistance	≥1000M MΩ
MECHANICAL	
Connector Dimension	13.75mm*15.1mm
Connector Pin Diameter	1.25 mm
Connector Type	RP-SMA(F)RA Through Hole Jack
ENVIRONMENTAL	
RoHS compliant	
Operating Temperature	-40°C to +85°C

### 3.Connector Drawing



	Name	Material	Finish	QTY
1	Body	Brass	Gold	1
2	Insulator	Teflon	White	1
3	Pin	Brass	Gold	1

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