

# **SPECIFICATION**

Part No. : PCB.SMAFST.2H.B.HT

Product Name : SMA (F) Jack 2 Hole Panel Mount with Solder Post

Termination

Feature : SMA(F) Jack

2 Hole Panel Mount with Solder Post Termination

Frequency Range: 0~12.4GHz

Finish: Nickel

Post Length: 2mm

Total Length: 11.52mm

**RoHS Compliant** 





#### 1. Introduction

The PCB.SMAFST.2H.A.HT connector was designed to be mounted on a PCB, it has a Solder Post for connection and 2 Mounting holes. The connector pin is directly soldered onto pads on the PCB. The connector is a standard SMA (F) Jack. The SMA connector is the most popular type connector for RF applications. Taoglas connectors are all RoHS compliant.

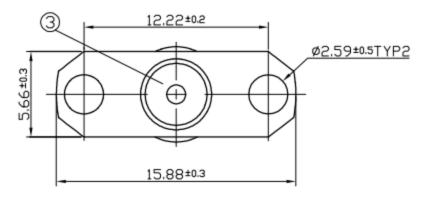
# 2. Specification

ELECTRICAL				
Impedance	50Ω			
Frequency Range	0~12.4 GHz			
Working Voltage	Max. 335 Vrms			
Dielectric withstanding Voltage	≤1000 Vrms			
Insulation Resistance	≥5000M Ω			
MECHANICAL				
Connector Dimension	11.52 X 15.88 mm			
Connector Pin Diameter	1.27 mm			
Connector Pin Height	Connector Pin Height 2 mm			
Connector Type	Connector Type SMA (F)			
ENVIRONMENTAL				
RoHS compliant				
Operating Temperature	-40°C to +85°C			

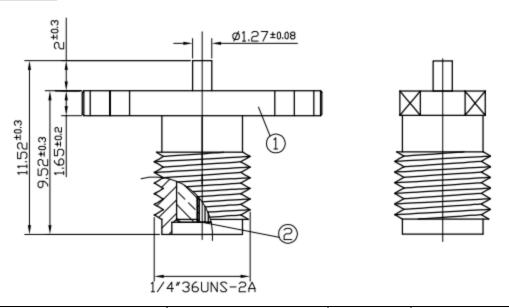


# 3. Connector Drawing

### Front View



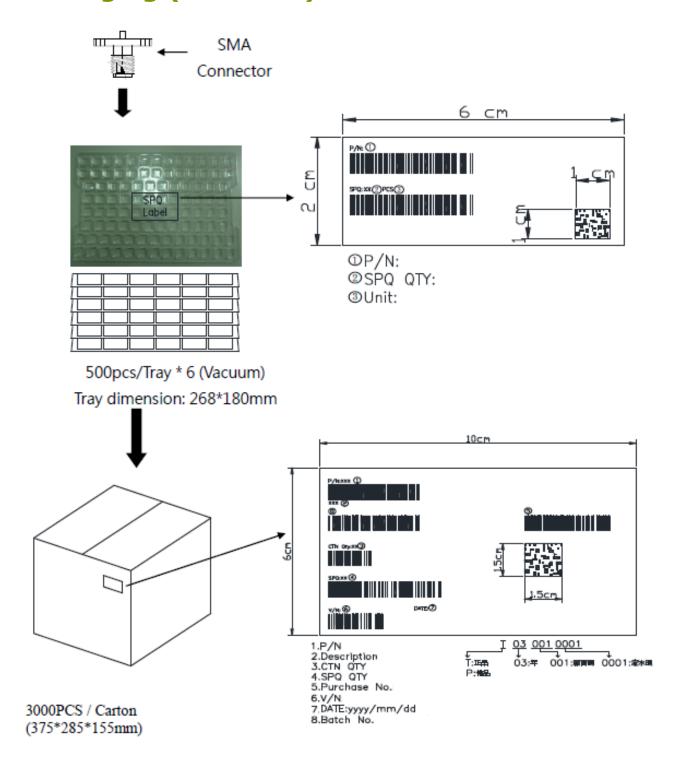
### Side View



	Name	Material	Finish	QTY
1	Body	Brass	Nickel	1
2	Female Contact	<b>Phosphor Bronze</b>	Gold	1
3	Insulator	Teflon	White	1



# 4. Packaging (Unit: mm)





Taoglas makes no warranties based on the accuracy or completeness of the contents of this document and reserves the right to make changes to specifications and product descriptions at any time without notice.

Taoglas reserves all rights to this document and the information contained herein. Reproduction, use or disclosure to third parties without express permission is strictly prohibited.

Copyright © 2012, Taoglas Ltd.