RF Connector Datasheet

Product OC: YSLT004W3BM
Version: 1.0
Date: 2025-12-22
Status: Released

Product Name: DC–6GHz RF 4 Connector
Key Features:
Frequency Band: DC–6000 MHz
Dimensions: 2.1 mm × 2.05 mm × 0.6 mm
Connector Type: RF 4 RECEPTACLE
RoHS and REACH Compliant

Overview

To meet the requirements of devices for RF connection among antennas, modules, and motherboards, as well as long-distance wiring, Quectel provides customers with a wide range of RF cable/connector products. These cables/connectors use high-quality materials and connectors to reduce the loss to the greatest extent, ensuring overall RF performance. Quectel also provides customized services according to customers' particular requirements for cable material, cable length, and connector type.

Contents

1 Specification

1.1. Electrical

Electrical	
Frequency Range	DC–6000 MHz
Impedance	50 Ω
VSWR	≤ 1.5
Rated voltage value	60 V

1.2. Mechanical & Environmental

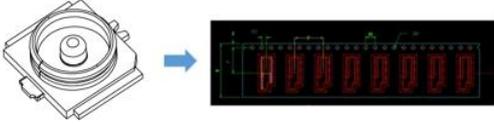| Mechanical	
Dimensions	2.1 mm × 2.05 mm × 0.6 mm
Connector Type	RF 4 RECEPTACLE
Weight	Typ. 4.54 mg
Mounting type	SMD
Environmental	
Operation Temperature	-40 °C to +85 °C
Storage Temperature	-40 °C to +85 °C
RoHS and REACH Compliant	Yes

2 Drawing
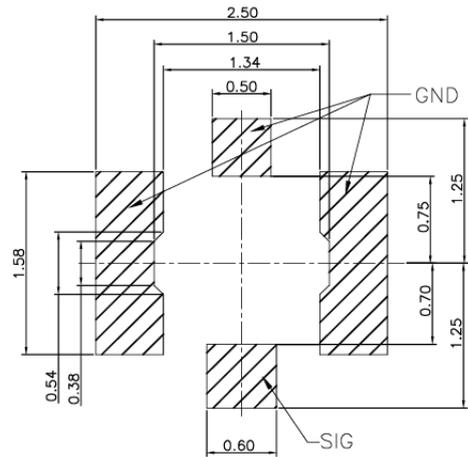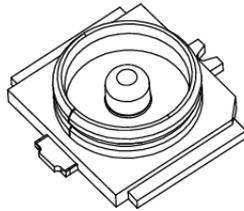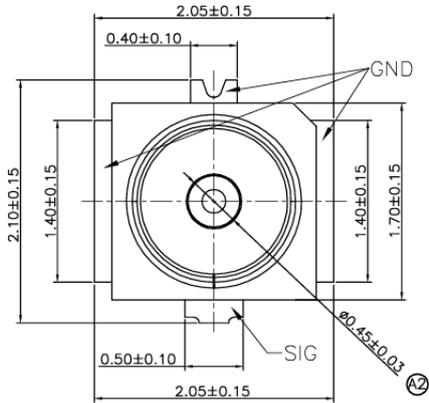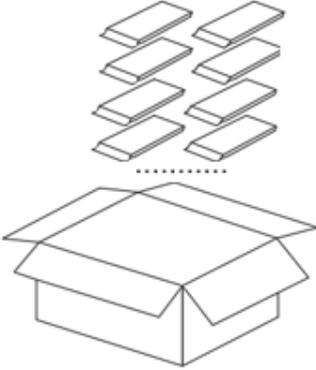

Recommended PCB Layout
(General Tolerance Is ±0.05)
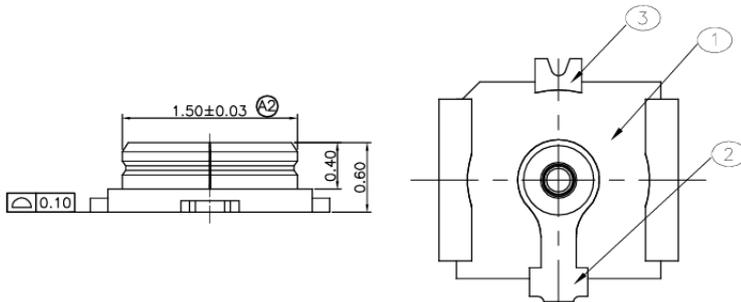
① 1.1. HOUSING:LCP E6808,COLOR:BLACK,UL 94V−0;
② 1.2. CONTACT: C2680,T=0.10mm;
③ 1.3. SHELL:C5191,T=0.12mm.

3 Packaging

Step	Packaging Picture / 2D Picture	Description
1		Reel
2		One reel of products is placed in a PE bag. (10000 Products / Reel) (10000 Products / PE Bag)
3		(8 PE Bags / Carton Box) (80000 Products / Carton Box) Estimated quantity Products that cannot fill the entire carton box are packed in a suitable size carton box. Carton Size: L × W × H = 370 × 370× 174 mm
4		**Position for Attaching Labels** ① Carton Label ② Quality Label
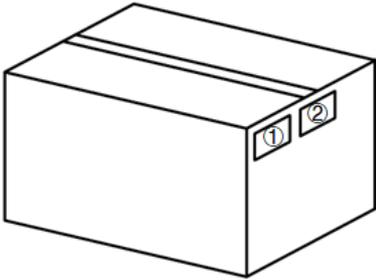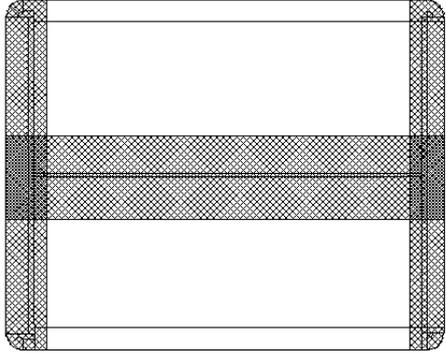
5		**Sealing Cartons** H-shaped sealing cartons
Note	The initial packaging method described above is for reference only, and the final actual packaging method shall be subject to the actual shipping packaging.	

Contact Us

At Quectel, our aim is to provide timely and comprehensive services to our customers. If you require any assistance, please contact our headquarters:

Quectel Wireless Solutions Co., Ltd.
No. 8 Waipojing Road, Sijing Town, Songjiang District, Shanghai 201601, China
Tel: +86 21 5108 6236
Email: info@quectel.com

Or our local offices. For more information, please visit:
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Revision History

Version	Date	Author	Note
-	2025-12-22	Christopher Yao/ Blake Xiang/ Strong Qiang/ Rainey Liao	Creation of the document
1.0	2025-12-22	Christopher Yao/ Blake Xiang/ Strong Qiang/ Rainey Liao	First official release

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