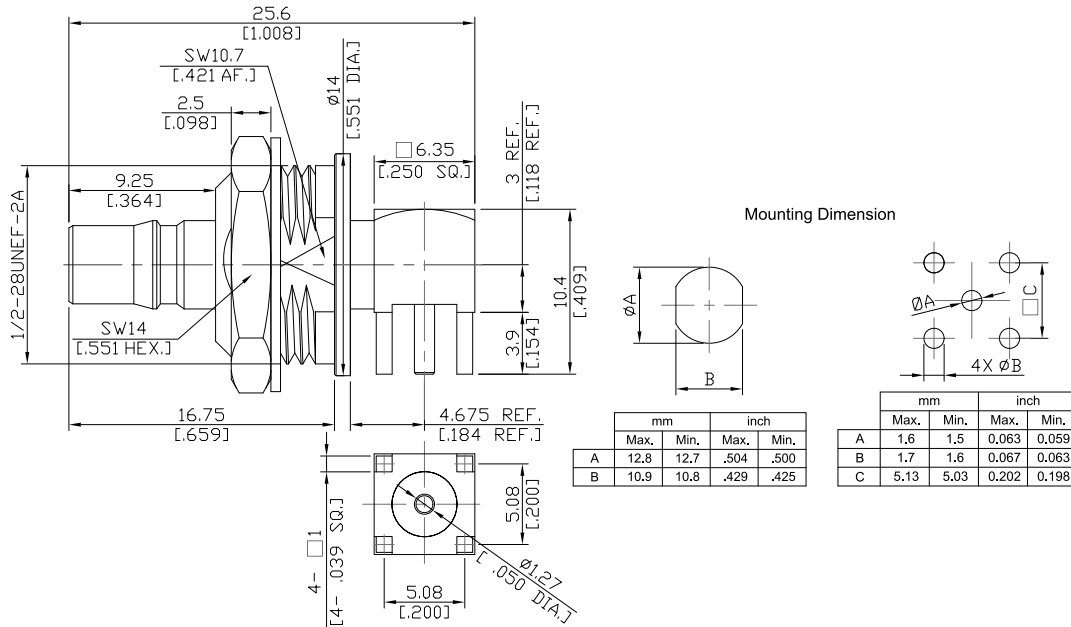


QMA Jack (Female) Right Angle Bulkhead Mount Connector Solder Attachment
Thru Hole PCB, DC-6 GHz, VSWR 1.3

QMA2IA59-2610A / 91



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 61169-50

Electrical Data

Impedance 50 Ω
 Frequency DC to 6 GHz
 VSWR (Return Loss) ≤ 1.3 (≥ 17.69 dB)
 Insertion Loss ≤ 0.05 x √F (GHz) dB
 Insulation Resistance ≥ 5 GΩ
 Center Contact Resistance ≤ 3.0 mΩ
 Outer Contact Resistance ≤ 2.5 mΩ
 Test Voltage, at sea level, 50Hz 1000 V rms
 Working Voltage, at sea level, 50Hz 480 V rms
 RF Leakage ≥ 95 dB up to 2 GHz
 ≥ 80 dB up to 4 GHz
 ≥ 70 dB up to 6 GHz
 Intermodulation ≤ -120 dBc @ 2 x 20 W

-VSWR in practical applications depends on installation, PCB layout-

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Gold plating (Non-magnetic nickel-phosphorus underplating)
Insulator	PTFE	
Fastening nut	Brass	Gold plating (Non-magnetic nickel-phosphorus underplating)
Washer	Brass	Gold plating (Non-magnetic nickel-phosphorus underplating)

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:- Rosnol RF/Microwave Technology Co., Ltd.
www.rosnol.com; info@rosnol.com
 Date: Phone: +886-3-463-5095 / Fax: +886-3-463-5952
 MAR/25/2026 N-CAGE Code: SFKK0 / ISO9001 Certified

QMA Jack (Female) Right Angle Bulkhead Mount Connector Solder Attachment
Thru Hole PCB, DC-6 GHz, VSWR 1.3

QMA2IA59-2610A / 91

Mechanical Data

Coupling Mechanisms	Quick-Lock
Mating Cycles	min. 100
Engagement Force	typ. 25 N
Disengagement Force	typ. 20 N
Retention Force for Interface	60 N min.
Centre Contact	Soldered
Board mounting type	Through Holes

Environmental Data

Temperature Range	-65°C to +165°C
Thermal Shock	IEC 60169-1 16.4 (-40 / +85°C)
Corrosion	IEC 60169-1 16.7 (48 hrs)
Vibration	IEC 60068-2-64 random
Damp heat, steady state	IEC 60169-1 16.3 (96 hrs)
RoHS	compliant

Packing

Single or 100