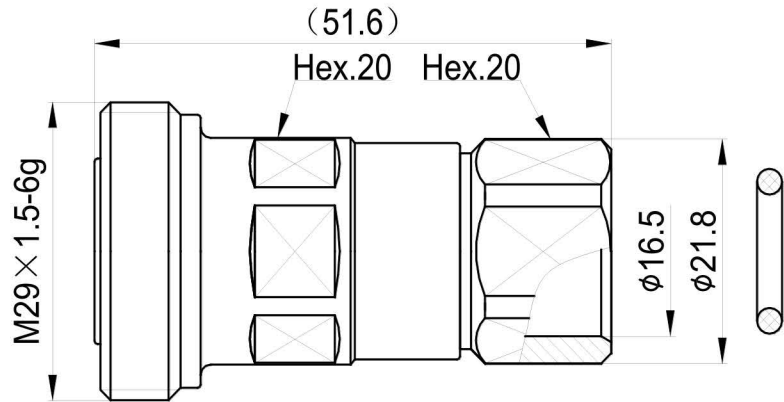


**TECHNICAL SPECIFICATION**

HXQJ15649

7/16F-1/2"L

Rev:A/0

**1. Figure****2. Product Description**

7/16F-1/2"L

7/16 Straight Female Connector for 1/2" Flexible RF Cable

**3. Material and Plating**

Inner Conductor Pin	Brass / Silver Plating
Inner Conductor Socket	Tin Bronze / Silver Plating
Insulator	PTFE/TPX
Body & Outer Conductor	Brass / Trimetal Plating
Gasket	Silicon Rubber
Nut	—

**4. Electrical Characteristics**

Characteristics Impedance	50 Ohm
Frequency Range	DC~7.5GHz
Insulation Resistance	≥10000MΩ
Dielectric Withstanding Voltage	4000V rms
Operating Voltage	2700V rms
Center contact resistance	≤0.40 mΩ
Outer contact resistance	≤0.20 mΩ
Insertion Loss	≤0.05dB
Return Loss(dB) @0.8-1.0 GHz	≥30
@1.7-2.2 GHz	≥28
PIM3 @900MHz	≤-116dBm

**5. Environmental and Mechanical Specifications**

Durability (matings)	≥500 cycles
Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition D
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. A
Temperature Range	-65°C to +85°C
RoHS	Compliant
Sealing Class	IP68

The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.