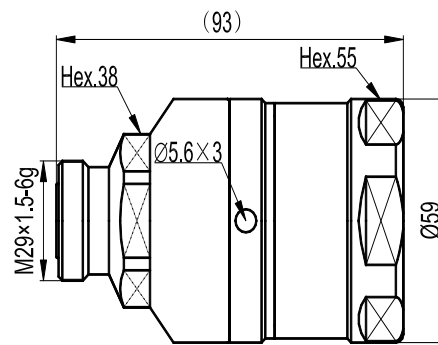


TECHNICAL SPECIFICATION

7/16F-1-5/8"R J



7/16 Straight Female Connector for
1-5/8" Leaky Cable

ID: 2.4.34.22.02

Rev: A0

Material and Plating

Center contact

Tin Bronze / Silver Plating

Outer contact & Body

Brass / Trimetal Plating

Dielectric

TPX

Gasket

Silicon Rubber

Electrical Specifications

Characteristics Impedance

50 Ohm

Frequency Range

DC~2.7GHz

Insulation Resistance

≥5000MΩ

Dielectric Withstanding Voltage

4000V rms

Operating Voltage

2700V rms

Center contact resistance

≤0.4 mΩ

Outer contact resistance

≤0.2 mΩ

Insertion Loss

@DC-2.7 GHz

≤0.10dB

VSWR

@0.7-2.7 GHz

≤1.20

PIM3

≤-130dBc

Environmental & 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

Regulatory Compliance / Certification

ISO 9001:2015

Compliant

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