# Connector Specification

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<th>P/N 190511</th>
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## PERFORMANCE

- **Nominal Impedance**: 50 Ohms
- **Frequency Range**: 0 - 12 GHz
- **Voltage Rating**: 1000 VRMS
- **Insulation Resistance**: 5000 Megohms

## CONSTRUCTION

- **Materials**:
  - **Body**: Brass, ASTM-B16, Alloy UNS 36000, H02
  - **Center Contact**: Beryllium Copper, ASTM-B196, Alloy UNS C17300
  - **Ferrule**: Brass, ASTM-B16, Alloy UNS 36000, Dead Soft, Weatherseals included
  - **Dielectric**: TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1

- **Finish**:
  - Body, Ferrule: Nickel
  - Center Contact: Gold

- **Applicable Standards**:
  - MIL-STD 348
  - MIL-PRF-39012

## INSTALLATION

- **Pic Die Set**
  - M22520 / 5 - 01 Tool
  - *PIC 190518A Hex Crimp Die (.098 hex)
  - MIL Spec *M22520 / 5-57 (.100 B hex)

- **Crimp Ferrule**
  - M22520 / 5 - 01 Tool
  - *PIC 190518A Hex Crimp Die (.270/.340 hex)

- **Notes**:
  1. A 2.5' piece of Raychem ATUM heat shrink P/N ATUM-16/4-0 provided with connector for purpose of strain relief & moisture protection.
  2. Please refer to T-190XXX Termination Instruction sheet for strip dimensions & instructions.

*Notes: 1. PIC 190518 Crimp Die Set superceded by PIC 190518A; either is acceptable for use with 190511 Connectors.
2. MIL Spec die to be used on the smaller diameter area of ferrule only. Not the larger "Bell" area on end.*