**Description**

The Maury type N connector is a precision design that exhibits extremely low VSWR and operates from DC to 18 GHz. The male connectors are provided with a 3/4 hex coupling nut so they can be properly torqued to 12 in/lb. Connector bodies are made from stainless steel, and contacts are made from gold plated and heat treated beryllium copper contacts to insure long life and reliability.

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**Figure 1: Interface Dimensions**

1. The diameter over the slots shall be 0.1197 ± 0.001 diameter with a 0.065 ± 0.0005 diameter x .195 pin inserted in the contact.

2. These connectors meet all applicable interface requirements of MIL-C-39012/1 and /2, except dimension flagged which is .210 minimum on MIL-C-39012/1. The connectors will mate properly with MIL-C-71, MIL-C-39012, MIL-T-81490 and most other semi-precision type N connectors presently in use.

3. Inspect these dimensions with connector gage model A020A (push on) or A020D (thread on).