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#### Introduction:

Mini Circuits manufactures a comprehensive line of connector gauges for measuring the critical interface dimensions of coaxial connectors. Testing the interfaces of connectors on any device at incoming inspection is not only highly recommended, it is definitely a necessity. Interfaces, not meeting the specifications will lead to degraded specification of the components. In addition, these out of specification interfaces may damage the connectors of mating components or ruin the connectors of the test equipment. These connector gauges consist of an exclusively developed dial indicator with appropriate bushings and pins, designed to mate with the specific connector under test. The indicator is set to zero by a calibration block (master). When engaged to a connector, it measures the specific interface dimension from a reference plane.

## Purpose of the Document:

This application note AN-40018 is created to document and maintain the Revision control of the User's manual which are furnished with each Interface mating dimension measuring gage kit as one of the items in the kit.

Presentation of User's manual of each type of gage is compiled on attached sheets.

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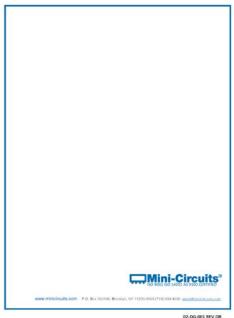
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### Interface dimension measuring gage ACUDIAL -BNCTNC

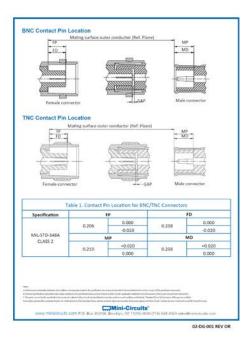
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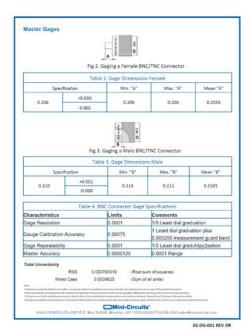
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### Interface dimension measuring gage ACUDIAL-N

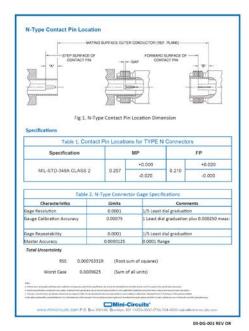
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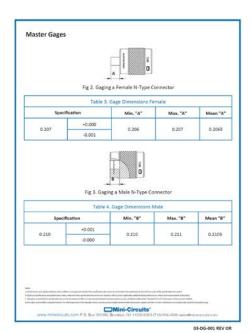
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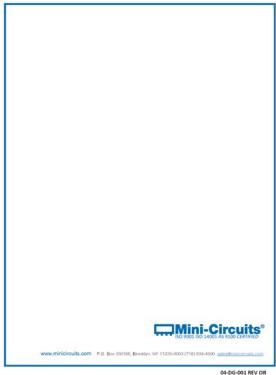


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## **Interface dimension measuring gage ACUDIAL-SMA**

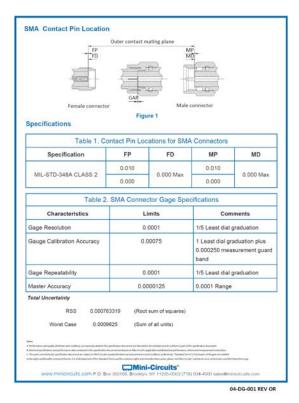
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