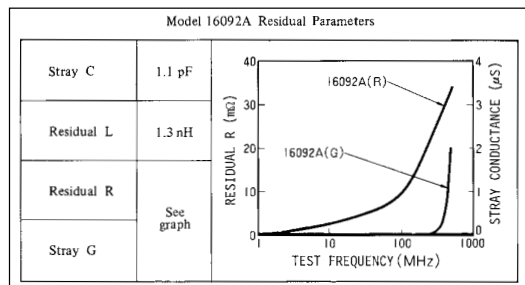


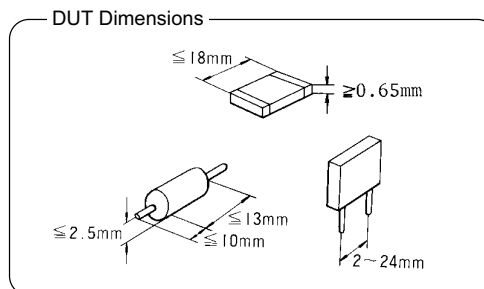
**16092A Spring Clip Fixture****Terminal Connector:** 7 mm**DUT Connection:** 2-Terminal**Electrical Length:** 3.4 mm**Dimensions (approx.):** 150(W) x 70(H) x 80(D) [mm]**Weight (approx.):** 180 g**Additional Error:** See figure below

**Description:** This test fixture is designed for impedance evaluation of both lead and SMD. It is furnished with two modules that can be readily screwed onto the plate to measure either lead or SMD.

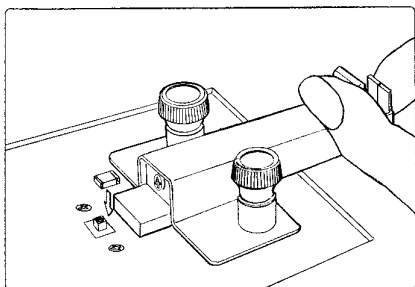
**Applicable Instrument:** 4287A, 4294A + 42942A, 4395A with Opt.4395A-010 + 43961A, 4396B with Opt.4396B-010 + 43961A, E4991A, (4195A + 41951A, 4286A, 4291A, 4396A)\*

When used with 16085B: 4263B, 4268A, 4279A, 4284A, 4285A, 4288A, (4192A, 4194A, 4263A, 4278A)\*

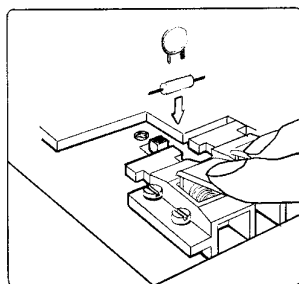
\* denotes the instrument is obsolete.

**Frequency:** DC to 500 MHz**Maximum Voltage:**  $\pm 40$  V peak max (AC+DC)**Operating Temperature:** 0°C to 55°C**DUT Size:** See figure below**Furnished Accessories:**

Description	P/N	Qty.
Shorting Plate	16092-08010	1
Operating Note	16092-90010	1



Inserting the SMD



Inserting the leaded component

**Compensation and Measurement:** Open and short compensations are recommended in combination with the electrical length compensation before measurement. The fixture's electrical length must be entered into the electrical length compensation function of the measurement instrument first. When using the SMD module, open compensation is performed by separating the high and the low electrodes from each other. The separation should be equivalent in size to the DUT's width. Short compensation is performed by contacting the high and low electrodes together. When using the lead component module, open compensation is performed by not having the module-electrodes be connected to anything. Short compensation is performed by using the furnished shorting plate. After performing open and short compensations in combination with the electrical length compensation, the DUT is inserted into the test fixture.