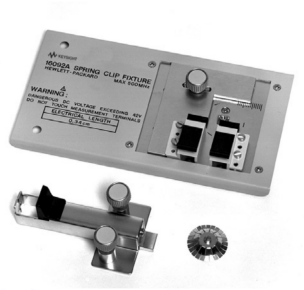
Up to 3 GHz (7 mm): Lead Components

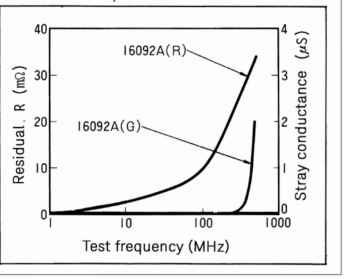
16092A Spring clip fixture

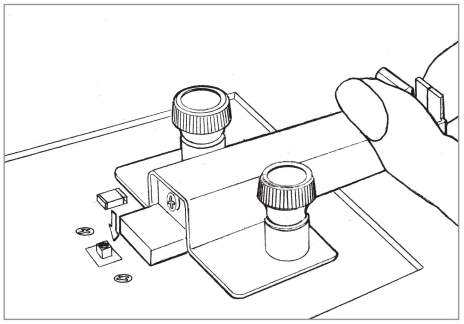


Terminal connector: 7 mm
DUT connection: 2-Terminal
Electrical length: 3.4 mm
Dimensions (approx.): 150 (W) x 70 (H) x 80 (D) [mm]
Weight (approx.): 180 g
Additional error: See figure below

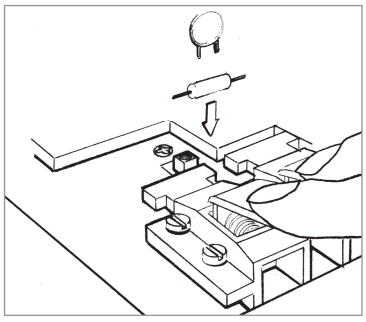
Model 16092A Residual parameters

Stray C	1.1 pF
Residual L	1.3 nH
Residual R	See graph
Stray G	See graph



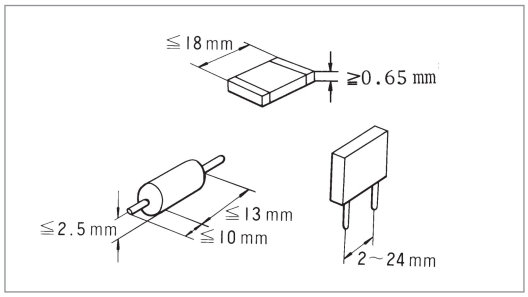


Inserting the SMD



Inserting the leaded component

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: E4982A, E4990A + 42942A*, E4991B, E5061B-3L3/3L4/3L5 with Opt. 005 + 16201A
* Option E4990A-120 is required
Frequency: DC to 500 MHz
Maximum voltage: ±42 V peak max. (AC+DC)
Operating temperature: 0 to 55°C
DUT size: See figure below



Furnished accessories:

Description	P/N	Qty.
Shorting plate	16092-08010	1
Operating note	16092-90010	1

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 usinf the furnished shorting plate. 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.