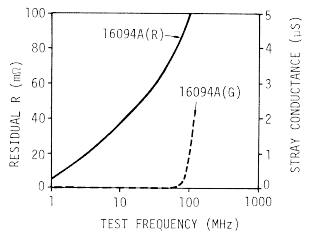
16094A Probe Test Fixture

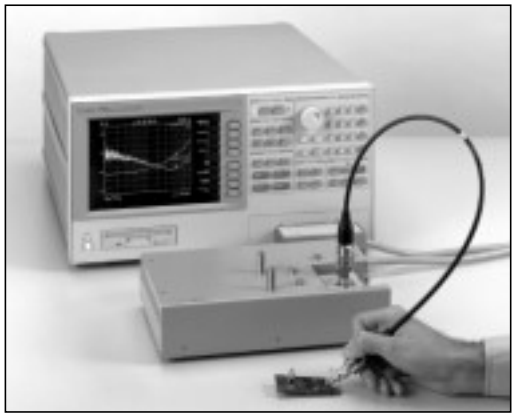
Terminal Connector: 7 mm
DUT Connection: 2-Terminal
Electrical Length: 23.2 mm
Weight (approx.): 25 g
Additional Error: See figure below

Model 16094A Residual Parameters

Stray C	*1.0 pF	
Residual L	5 nH	
Residual R	See graph	
Stray G		

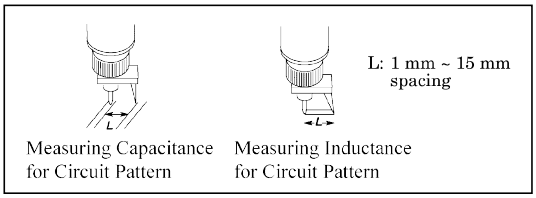


* Typical value when needles are set at a distance of 15 mm.



4291B with 16094A

Description: 16094A is used along with the 7 mm cable (P/N 8120-4779). Together they provide the capability to perform in-circuit measurements (printed circuit patterns, the input/output impedance of circuits, etc.).
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* denotes the instrument is obsolete.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 125 MHz
Maximum Voltage: ±40 V peak max (AC +DC)
Operating Temperature: 0°C to 55°C
DUT size: See figure below.



Furnished Accessories:

Description	P/N	Qty.
Operating Note	16094-90000	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. Then open compensation is performed by separating the high and the low electrodes from each other. Short compensation is performed by shorting the probe. To short the probe it is recommended to use a shorting device with gold-plated surfacing (which provides stable contact resistance) as described for 16095A.

* Obsoleted measurement configuration