

■ Measuring Circuit

1. Frequency Measuring Method

The load resonance frequency (Lower frequency of the two given when the electrical impedance of the component becomes resistant near its resonance point) measured by network analyzer (Agilent E5100A or the equivalent) and the circuit in Figure 1. DUT is shown in Figure 2, and the value of C_s is referred to the load capacitance value in specifications.

2. Equivalent Series Resistance

The equivalent series resistance (R_1) is measured by network analyzer (Agilent E5100A or equivalent) and the circuit in Figure 1. DUT is shown in Figure 3.

3. Measuring Condition

Standard conditions for the measurement shall be $+25\pm 3^\circ\text{C}$ temperature and the humidity of 45 to 85%R.H.

