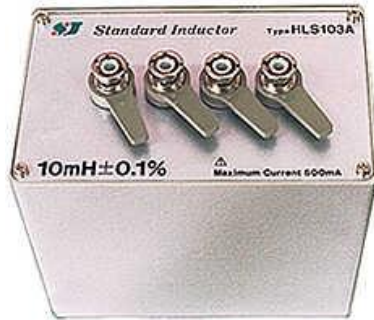


HLS Series 4-Terminal Standard Inductor



These series of inductors are solid type four(4) terminal standard inductors for calibration of LCR Meters. The series are very convenient to use in the field because they are designed to be small sized and light weighted than conventional standard inductors. Also, the series are connectable to LCR Meters directly due to their BNC construction.

Features

- Best suitable in using for calibration of LCR Meters due to their four(4) terminal construction.
- Very convenient in using for calibration at the field due to their small size and light weight.
- Excellent in characterization for current and voltage due to having used of air cored coil.
- Being closely packed in metal case, the units are resistive against external magnetic field.

Specifications

Description/Model	HLS100A	HLS101A	HLS102A	HLS103A	HLS104A	HLS105A
Nominal value	10 μ H	100 μ H	1mH	10mH	100mH	1H
Accuracy*1	$\pm 1\%$	$\pm 0.25\%$	$\pm 0.1\%$	$\pm 0.1\%$	$\pm 0.1\%$	$\pm 0.1\%$
Temperature Coefficient*1	$\pm 30\text{ppm}/\text{°C}$					
Long Term Drift	Below $\pm 100\text{ppm}/\text{year}$					
Resonance Frequency	30MHz	3.5MHz	1MHz	300kHz	130kHz	45kHz
DC Resistance	0.30 Ω	0.90 Ω	2.8 Ω	36.5 Ω	352 Ω	2910 Ω
Maximum Rating	2000mA	2000mA	1000mA	200mA	50mA	20mA
Dimensions(W/H/D)	About 142 / 88 / 85			About 142 / 88 / 130		

*1 Value at 1 kHz

- Open and short fixture are available as option.
- Specifications are subject to change without notice due to improvement
- SunJEM will design products to meet your individual requirements. Please feel free to consult with us for products other than ready-made ones.