

Working Standard Resistor

FEATURES

- Usable in air without oil bath
- Wide resistance range available from 1 mΩ to 1 GΩ
- Excellent performance versus cost
- Terminals aligned in a single row for easier wiring and placement
- Certificate of Calibration, Calibration Report and Traceability Chart traceable to NMIJ* are available per request

*NMIJ: National Metrology Institute of Japan

MASS

Approx. 300 g (0.66 lbs)

DESCRIPTION

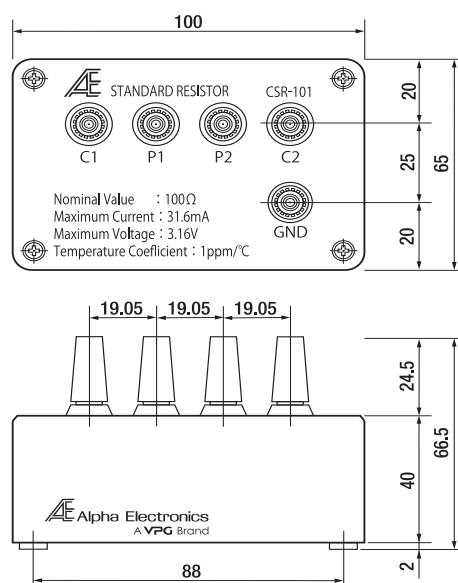
The CSR series has Bulk Metal® Foil resistance elements, which have the same excellent stability and low temperature coefficient of resistance as the ASR series—a precision level that cannot be provided by any other resistance material. In addition, the CSR is designed for equal ease of use in the laboratory or on the production floor. It's construction is designed to give priority for portability and workability, being used in air without an oil bath.

CUSTOMIZED SPECIFICATIONS

Available for any customized resistance value.
Contact to our sales department for more details.



CONFIGURATION in millimeters



*Terminal space for series with 3 terminals is 57.15 mm

SPECIFICATIONS

Series	Nominal value	Accuracy	Temp. Coefficient	Stability	Power Rating	Power Coefficient	Storage Temp. Range	Max. Working Current	Max. Working Voltage	Working Temp. Range	Number of Terminals
		ppm	ppm/°C	ppm/year	W	ppm/mW	°C	A	V	°C	
CSR-1N0	1 mΩ	±100	±10	±20	0.5	±0.05	0~50	22.3	22.4m	18~28	5
CSR-10N	10 mΩ	±50	±5	±15				7.07	70.7 m		
CSR-R10	100 mΩ	±25	±2.5	±10				2.24	224 m		
CSR-1R0	1 Ω	±5	±1	±5	0.1	±0.01		316 m	316 m		
CSR-100	10 Ω							100 m	1.00		
CSR-101	100 Ω							31.6 m	3.16		
CSR-102	1 kΩ							10 m	10.0		
CSR-103	10 kΩ							3.2 m	31.6		
CSR-104	100 kΩ							1 m	100		
CSR-105	1 MΩ							0.3 m	316		
CSR-106	10 MΩ	±5	±2.5	±10	0.1			0.1 m	1000	3	
CSR-107	100 MΩ	±10		0.01	0.01 m			1000			
CSR-108	1 GΩ	±25		0.0025	1.5 μ			1500	3 (BNC)		