

Working Standard Resistor

FEATURES

- Usable in air without oil bath
- Wide resistance range available from 1 mΩ to 100 MΩ
- Excellent performance versus cost
- Terminals aligned in a single row for easier wiring and placement
- Certificate of Calibration and Inspection sheets traceable to NMIJ* are provided at shipment.
*NMIJ: National Metrology Institute of Japan



MASS

Approx. 300g (0.66 lbs)

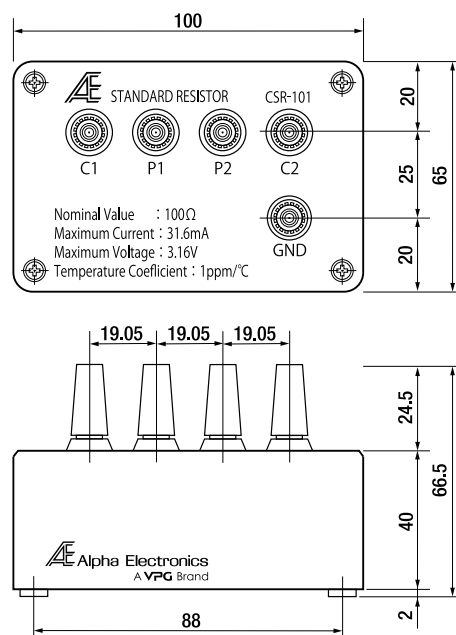
DESCRIPTION

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. Its 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	0.02	18~28	5
CSR-10N	10 mΩ	±50	±5	±15				7.07	0.07		
CSR-R10	100 mΩ	±25	±2.5	±10				2.23	0.22		
CSR-1R0	1Ω	±5	±1	±5	0.1	±0.01		0.31	0.31		
CSR-100	10Ω							0.10	1.00		
CSR-101	100Ω							0.03	3.16		
CSR-102	1 kΩ							0.01	10.0		
CSR-103	10 kΩ							0.003	31.6		
CSR-104	100 kΩ							0.001	100		
CSR-105	1 MΩ							0.0003	316		
CSR-106	10 MΩ	±10	±5	±10	0.1			0.0001	1000		3
CSR-107	100 MΩ	±25		±25	0.01			0.00001	1000		

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