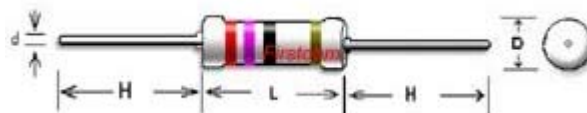


CSR - Current Sense Resistor

Features:

Using our proprietary StrongHold™ technology (patent pending), CSR series offers a better reliability than regular low-ohm resistors.

Lead-free tin plated deoxygenized copper wire provides stable value of resistor during operation. Flame-proof coating available.



Dimensions:

Type No.	Body Length (L , mm)	Body Diameter (D , mm)	Lead Wire Length (H , mm)	Lead Wire Diameter (d , mm)	Net Weight Per 1000Pcs
CSR16	3.2±1.0	1.9±0.2	28±3.0	0.45±0.02	145 Grams
CSR20	3.2±1.0	1.9±0.2	28±3.0	0.45±0.02	145 Grams
CSR25	6.5±1.0	2.4±0.2	26±3.0	0.55±0.03	220 Grams
CSR51	8.8±1.0	3.2±0.2	26±3.0	0.60±0.03	340 Grams
CSR100	12.0±1.0	4.5±0.5	26±3.0	0.70±0.03	600 Grams
CSR200	13.5±1.0	5.0±0.5	30±3.0	0.80±0.03	1050 Grams
CSR300	15.5±1.0	5.5±0.5	30±3.0	0.80±0.03	1200 Grams
CSR400	19.0±1.0	6.0±0.5	30±3.0	0.80±0.03	1620 Grams
CSR500	19.0±1.0	8.0±0.5	30±3.0	0.80±0.03	3100 Grams

Specifications:

Type No.	Power Rating At 70°C	Max. Working Voltage	Max. Overload Voltage	Min. Resistance	Max. Resistance	Resistance Tolerance	Standard Resistance Values
CSR16	1/6W	200V	400V	10mΩ	510mΩ	±1%~5%	E-24/E-96
CSR20	1/4W	200V	400V	10mΩ	510mΩ	±1%~5%	E-24/E-96
CSR25	1/3W	200V	400V	10mΩ	510mΩ	±1%~5%	E-24/E-96
CSR51	1/2W	250V	500V	10mΩ	510mΩ	±1%~5%	E-24/E-96
CSR100	1W	250V	500V	10mΩ	510mΩ	±1%~5%	E-24/E-96
CSR200	2W	300V	600V	10mΩ	510mΩ	±1%~5%	E-24/E-96
CSR300	3W	350V	700V	10mΩ	510mΩ	±1%~5%	E-24/E-96
CSR400	4W	350V	700V	10mΩ	510mΩ	±1%~5%	E-24/E-96
CSR500	5W	500V	1000V	10mΩ	510mΩ	±1%~5%	E-24/E-96

Special size, values, and specifications not listed available on special order.

Technical Specifications

Characteristics	Limits	
Dielectric Withstanding Voltage, VAC or DC	CSR16/20 CSR25 CSR51 CSR100/200/300/400/500	300 500 700 1000
Temperature Coefficient, PPM /°C	±100, 200, 300, & other specified	
Operating Temperature Range, °C	-55 ~ +150	
Insulation Resistance, MΩ	>10 ⁴	
Voltage Coefficient, PPM / V	<25	