SC-CRF/CRA SERIES

CEMENTED RESISTORS

PRELIMINARY TECHNICAL INFORMATION

HIGHLIGHTS

- From 25 W up to 1500 W
- Cemented coating
- Fixed value (SC-CRF)
- Adjustable value (SC-CRA)
- Non-inductive (SC-CRFa)



Non-contractual image

GENERAL AND TECHNICAL CHARACTERISTICS

Description	*Value*
Ceramic tube	Mullite
Resistive element alloy	Ni.Cu 44 and Ni.Cr. 80/20
Finishing	cemented coating
Marking	Part number, Model, Wattage/ Tolerance, Date code
Tolerance	±5%
Temperature limit	-55ºC to + 400ºC
Isolation	>10 MΩ @ 1000 V_{DC}
Nominal resistive range	1 R up to 100 kR

AVAILABLE TYPES

There are 3 available types:

- SC-CRF: Fixed cemented power resistor
- SC-CRA: Adjustable cemented power resistor
- SC-CRFa: Non-inductive fixed cemented power resistor



ORDER CODES

SC-CRx 1000 32R
(1) (2) (3)

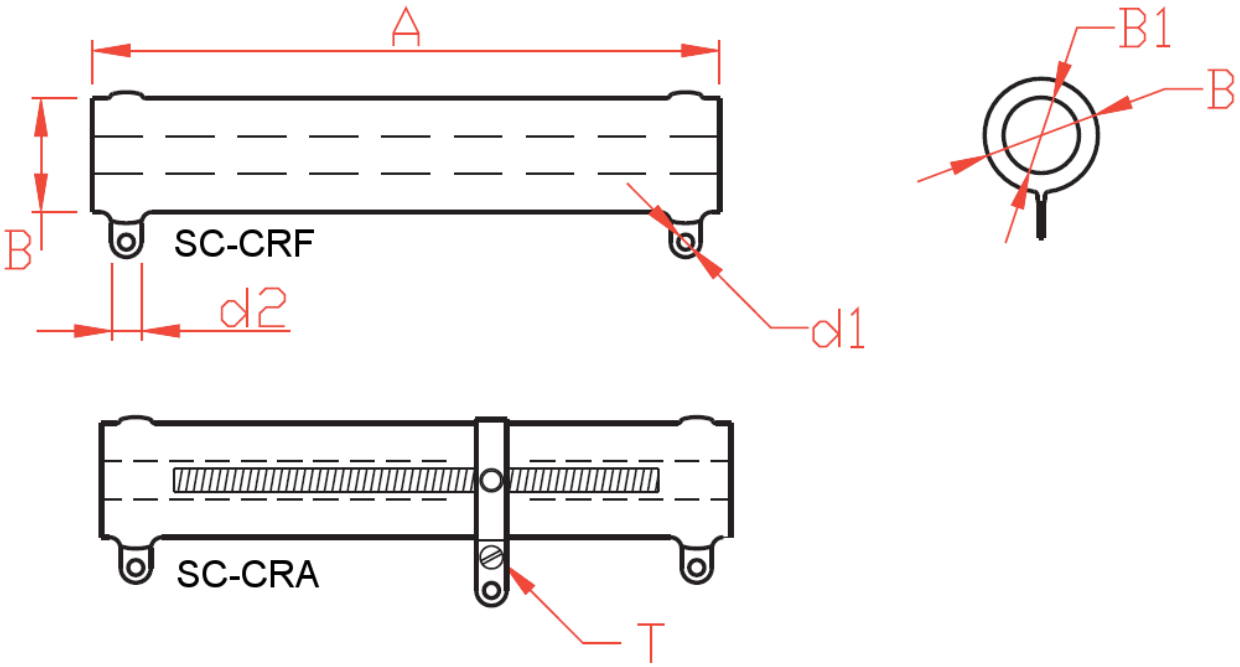
(1) - Product reference (SC-CRF, SC-CRFa or SC-CRA)
(2) - Power (in the example 1000 W)
(3) – Resistive nominal value (in the example 32 Ohms)

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Reserves the right to change limits, test conditions and dimensions given in this data sheet at any time without previous notice.

AVAILABLE STANDARD REFERENCES DRAWINGS AND DIMENSIONS

Power [W]	*dimens.*	*A* [mm]	*B* [mm]	*B1* [mm]	*d1* [mm]	*d2* [mm]	*T*
25	12x60	60	12	9	4.25	8	M4
32	12x76	76	12	9	4.25	8	M4
50	12x90	90	12	9	4.25	8	M4
18	13x51	51	13	9	4.25	8	M4
28	15x60	60	15	10	4.25	8	M4
55	15x90	90	15	10	4.25	8	M4
110	16x130	130	16	10	4.25	8	M4
200	25x165	165	25	12	4.25	10	M4
100	30x100	100	30	18	4.25	10	M4
120	30x120	120	30	18	4.25	10	M4
200	30x150	150	30	18	4.25	10	M4
220	30x203	203	30	18	4.25	10	M4
250	30x230	230	30	18	4.25	10	M4
300	30x250	250	30	18	4.25	10	M4
330	30x305	305	30	18	4.25	10	M4
450	30x370	370	30	18	4.25	10	M4
300	40x200	200	40	20	4.25	10	M4
400	40x240	240	40	20	4.25	10	M4
500	40x300	300	40	20	4.25	10	M4
700	40x370	370	40	20	4.25	10	M4
1000	50x370	370	50	25	4.25	10	M4



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Cost Effective Products

SEMICODE ELECTRONICA

Offers to the market a comprehensive range of products from recognized manufacturers at the best price/quality relationship, this products are provided with a basic reference code that allows maintaining the same product reference even if the original device manufacturer is replaced. SEMICODE product reference has to be considered as a generic brand.

Seeking the market needs and trends, we are constantly increasing the product portfolio with new products and suppliers, please ask for the updated information available to our local contacts.

SEMICODE products include semiconductors, passive components and accessories focused in power electronics market.

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Tentative information: This is the most tentative form of information and represents a very preliminary specification. No actual design work on the product has been started.
Preliminary Information: The product is in design and development. The datasheet represents the product as it is understood but details may change.
Advance Information: The product design is complete and final characterisation for volume production is well in hand.
No Annotation: The product parameters are fixed and the product is available to datasheet specification.

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