



EUROHM type SI / SC Series

A series of thick film resistor networks housed in single in-line, low profile, epoxy coated packages. Incorporate high quality metal glaze elements on a ceramic substrate. Choice of isolated resistors or commoned up to 10 pin. Suitable for high density circuit boards where they offer space saving benefits and greater reliability than discrete components.

- ◆ Conformal **single in-line** packages
- ◆ Choice of **isolated** or **commoned**
- ◆ Low profile, high performance
- ◆ Resistance tolerance **2%**
- ◆ 0.1 inch pin spacing
- ◆ Body colour **Black**
- ◆ **Very competitively priced**

Specification	SI / SC Series	Dimensions (mm)														
Power rating per resistor	0.2 Watt (isolated - SI8) 0.125 Watt (commoned - SC series) at 70°C, derate to zero at 125°C	<table border="1" style="margin-top: 10px;"> <thead> <tr> <th>Type</th> <th>L max.</th> </tr> </thead> <tbody> <tr><td>SI8</td><td>20.4</td></tr> <tr><td>SC5</td><td>12.7</td></tr> <tr><td>SC6</td><td>15.3</td></tr> <tr><td>SC8</td><td>20.4</td></tr> <tr><td>SC9</td><td>22.9</td></tr> <tr><td>SC10</td><td>25.4</td></tr> </tbody> </table>	Type	L max.	SI8	20.4	SC5	12.7	SC6	15.3	SC8	20.4	SC9	22.9	SC10	25.4
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SC10	25.4															
Resistance tolerance	±2%															
Temperature coefficient	±100ppm/°C (values >47R) ±250ppm/°C (values ≤47R)															
Operating temperature range	-55°C to +125°C															
Max working voltage	100V															
Insulation resistance	≥10.000MΩ															
Test performance (resistance stability)																
Short term overload	±(0.5% +0.05R)															
Temperature cycling	±(0.5% +0.05R)															
Soldering heat	±(0.5% +0.05R)															
Endurance, 1000 hours 90-95% RH	±(2% +0.05R)															
Endurance, 1000 hours 70°C	±(2% +0.05R)															

ORDER CODES

	SI8	SC5	SC6	SC8	SC9	SC10
Config.	4 isolated resistors 8 pin package 	4 commoned resistors 5 pin package 	5 commoned resistors 6 pin package 	7 commoned resistors 8 pin package 	8 commoned resistors 9 pin package 	9 commoned resistors 10 pin package
Value	Order Code	Order Code	Order Code	Order Code	Order Code	Order Code
10R	007100	—	—	—	—	—
22R	007220	—	—	008220	009220	—
33R	007330	—	—	008330	009330	—
47R	007470	—	—	008470	009470	010330
100R	007101	—	—	008101	009101	010470
150R	007151	—	—	—	—	010101
180R	007181	—	—	008181	009181	—
220R	007221	—	005221	008221	009221	010221
270R	007271	—	—	—	009271	—
330R	007331	—	—	008331	009331	010331
390R	007391	—	—	—	—	—
470R	007471	—	005471	008471	009471	010471
680R	007681	—	005681	008681	009681	—
1K0	007102	014102	005102	008102	009102	010102
1K5	007152	—	—	008152	009152	010152
1K8	007182	—	—	—	—	—
2K2	007222	014222	005222	008222	009222	010222
2K7	—	—	—	—	009272	—
3K3	007332	014332	—	008332	009332	010332
3K9	—	—	—	—	009392	—
4K7	007472	014472	005472	008472	009472	010472
6K8	007682	—	—	008682	009682	—
10K	007103	014103	005103	008103	009103	010103
22K	007223	014223	005223	008223	009223	010223
33K	007333	—	—	008333	009333	010333
47K	007473	014473	005473	008473	009473	010473
100K	007104	014104	005104	008104	009104	010104
220K	007224	—	005224	008224	009224	010224
330K	007334	—	—	008334	009334	—
470K	007474	—	—	008474	009474	—
1M0	007105	—	005105	008105	009105	010105

Other circuit configurations and values, including mixed values, available to special order.