“SC/MC” Series for Healthcare

Features
- 400 Series Compatible
- Standard Curves Available
- Interchangeability/accuracy from ± 0.05°C to 0.2°C
- Small Size  Fast Response
- 0 to 50°C operating range
- Fully Electrically Insulated

Applications
- Digital Thermometers
- Subassemblies for Small Medical Sensors
- Glucose Meters
- Incubators
- Medical Equipment (i.e. Blood Analysis, Dialysis)

Resistance vs. Temperature

<table>
<thead>
<tr>
<th>Temp (°C)</th>
<th>F (Rt/R25)</th>
<th>G (Rt/R25)</th>
<th>10KY (Rt/R25)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3.274</td>
<td>3.522</td>
<td>2.956</td>
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<td>5</td>
<td>2.544</td>
<td>2.697</td>
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<td>10</td>
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<td>2.081</td>
<td>1.881</td>
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<td>1.572</td>
<td>1.618</td>
<td>1.515</td>
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<td>1.250</td>
<td>1.268</td>
<td>1.227</td>
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<td>25</td>
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<td>50</td>
<td>0.3604</td>
<td>0.3362</td>
<td>0.3893</td>
</tr>
</tbody>
</table>

SKU Description | Res. @ 25°C | Tol. @ 37°C | RvT | OD | Lead Len. | Lead Type |
----------------|-------------|-------------|-----|----|-----------|-----------|
505704 SC30F103A | 10K ohm | ±0.05°C | F | 0.032" | 1.5" | #38 AWG Ni |
506807* SC30F103V | 10K ohm | ±0.10°C | F | 0.032" | 1.5" | #38 AWG Ni |
505705* SC30F103W | 10K ohm | ±0.20°C | F | 0.032" | 1.5" | #38 AWG Ni |
505710* SC30Y103W | 10K ohm | ±0.20°C | 10KY | 0.032" | 1.5" | #38 AWG Ni |
505718 SC50F103W | 10K ohm | ±0.20°C | F | 0.050" | 1.5" | #32 AWG Cu |
504506 MC65F232A | 2252 ohm | ±0.05°C | F | 0.065" | 3.0" | #38 AWG Ni |
504510 MC65F502B | 5K ohm | ±0.10°C | F | 0.065" | 3.0" | #38 AWG Ni |
504482* MC65F103A | 10K ohm | ±0.05°C | F | 0.065" | 3.0" | #38 AWG Ni |
504490* MC65F103B | 10K ohm | ±0.10°C | F | 0.065" | 3.0" | #38 AWG Ni |
504497 MC65F103C | 10K ohm | ±0.15°C | F | 0.065" | 3.0" | #38 AWG Ni |
504517 MC65G503B | 50K ohm | ±0.10°C | G | 0.065" | 3.0" | #38 AWG Ni |

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