## WAFER TEMPERATURE SENSORS

### CONFIGURATION TABLE

**Doc. No.: TE-CO070518-SEMI-090**

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**TEMPERATURE MEASUREMENT DESIGNER'S GUIDE**

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### CONFIGURATION CODE

<table>
<thead>
<tr>
<th>S</th>
<th>100</th>
<th>B</th>
<th>8</th>
<th>1</th>
<th>K</th>
<th>36</th>
<th>S</th>
<th>100</th>
<th>T</th>
<th>300</th>
<th>MP</th>
</tr>
</thead>
</table>

### CODE | WIRE TERMINATION
---|------------------
MP | MINI PLUG
BW | BARE WIRE
CMP | CERAMIC MINI PLUG
DP | D-PIN
ST | SPADE TAGS

### CODE | LEAD LENGTH "B"
---|-------------------
S | SPECIFY IN mm

### CODE "B" LEADWIRE SLEEVING MATERIAL

<table>
<thead>
<tr>
<th>T</th>
<th>TEFOLON</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>SILICA</td>
</tr>
<tr>
<td>P</td>
<td>POLYIMIDE</td>
</tr>
<tr>
<td>C</td>
<td>BRAIDED CERAMIC</td>
</tr>
<tr>
<td>Q</td>
<td>QUARTZ</td>
</tr>
</tbody>
</table>

### CODE | VACUUM FEED THROUGH LENGTH
---|------------------
2 | 2 INCHES
4 | 4 INCHES
6 | 6 INCHES
8 | 8 INCHES
10 | 10 INCHES
12 | 12 INCHES
18 | 18 INCHES
XX | OTHER LENGTHS (SPECIFY IN INCHES)

### CODE | LEAD LENGTH "A"
---|-------------------
S | SPECIFY IN mm

### CODE "A" LEADWIRE SLEEVING MATERIAL

<table>
<thead>
<tr>
<th>T</th>
<th>TEFOLON</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>SILICA</td>
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</tr>
<tr>
<td>Q</td>
<td>QUARTZ</td>
</tr>
</tbody>
</table>

### CODE | WIRE GAUGE
---|------------------
36 | 36 Awg (0.127 mm I.D.)
30 | 30 Awg (0.254 mm I.D.)

### CODE | CALIBRATION
---|------------------
J | IRON(+) vs CONSTANTAN(-)
K | CHROMEL(+) vs ALUMEL(-)
T | COPPER(+) vs CONSTANTAN(-)
E | CHROMEL(+) vs CONSTANTAN(-)
N | NICSOSIL(+) vs NISIL(-)
R | PLATINUM 13% RHODIUM(+) vs PLATINUM(-)
S | PLATINUM 10% RHODIUM(+) vs PLATINUM(-)
B | PLATINUM 30% RHODIUM(+) vs PLATINUM 6% RHODIUM(-)

### CODE | QUANTITY OF THERMOCOUPLES (TOTAL)
---|------------------

### CODE | PRODUCT TEMPERATURE CODE
---|------------------
4 | 400° C
8 | 700° C
12 | 1200° C

### CODE | WAFER SIZE
---|------------------
050 | 50mm (1.97"), WITH FLAT
075 | 75mm (2.95"), WITH FLAT
100 | 100mm (3.94"), WITH FLAT
125 | 125mm (4.92"), WITH FLAT
150 | 150mm (5.91"), WITH FLAT or NOTCH
200 | 200mm (7.84"), WITH NOTCH
300 | 300mm (11.81"), WITH NOTCH
XXX | OTHER SIZES, (SPECIFY AT TIME OF REQUEST)

### CODE | PRODUCT CODE
---|------------------
B | BONDED, (USED IN WAFER BONDING MACHINES)
S | SURFACE MOUNT

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**SECTION SEMI**

**CONFIGURATION TABLE**

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