

- Conforms to DIN EN 60751
- Wide temperature range -50 ... 600°C
- Fast response time
- Low drift over lifetime
- High precision
- Temperature coefficient of resistance (0°C, 100°C) 3850ppm/°C (or 3750)

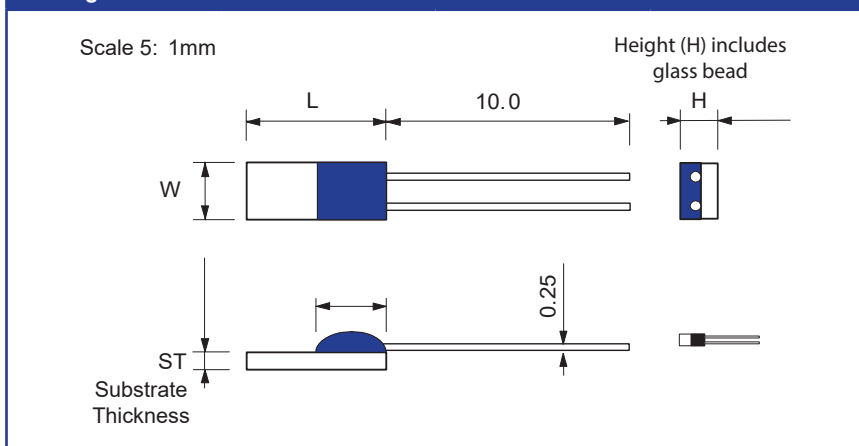
**Dimensions (mm) & Resistance Values** Table 1

| Size | W x L (H option - see Table 2) | Principal resistance value at 0°C |       |         |
|------|--------------------------------|-----------------------------------|-------|---------|
|      |                                | 100 Ω                             | 500 Ω | 1,000 Ω |
| B    | 2.0 x 10.0 x (1 or 0)          | ✓                                 |       | ✓       |
| C    | 2.0 x 2.3 x (1 or 0)           | ✓                                 | ✓     | ✓       |
| D    | 2.0 x 5.0 x (1 or 0)           | ✓                                 |       | ✓       |
| F    | 2.0 x 4.0 x (1)                | ✓                                 |       | ✓       |
| M    | 1.2 x 4.0 x (1)                | ✓                                 |       | ✓       |
| N    | 1.7 x 5.0 x (1)                | ✓                                 |       |         |
| P    | 1.2 x 1.6 x (1)                | ✓                                 |       | ✓       |

**Total Height and Substrate Thickness** Table 2

| Substrate thickness order code | H   | ST   |
|--------------------------------|-----|------|
| 1                              | 1.1 | 0.38 |
| 0                              | 1.4 | 0.63 |

**Drawing** Table 3



**Tolerance Class Specifications** Table 4

| Tolerance class | Resistance Ro at 0°C | Temperature coefficient TC at 0°C to + 100°C | Tolerance temperature range |
|-----------------|----------------------|----------------------------------------------|-----------------------------|
| Z (1/10 DIN B)  | Ro ± 0.012%          | 3850 ppm/°C ± 2 ppm/°C                       | -20°C...+200°C              |
| P (1/5 DIN B)   | Ro ± 0.024%          | 3850 ppm/°C ± 3 ppm/°C                       | -20°C...+200°C              |
| T (1/3 DIN B)   | Ro ± 0.04%           | 3850 ppm/°C ± 4 ppm/°C                       | -30°C...+200°C              |
| (DIN) A         | Ro ± 0.06%           | 3850 ppm/°C ± 5 ppm/°C                       | -30°C...+300°C              |
| (DIN) B         | Ro ± 0.12%           | 3850 ppm/°C ± 13 ppm/°C                      | -50°C...+600°C              |
| C (2 x DIN B)   | Ro ± 0.24%           | 3850 ppm/°C ± 13 ppm/°C                      | -50°C...+600°C              |

**Part Number Ordering Codes**

|                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D                                   | P | S | - | 0 | 1 | 0 | 0 | - | B | 0 | 0 | - | F | C | 0 | - | G | 0 | 0 |
| Series                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Resistance Value                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 0100: 100 Ω                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 0500: 500 Ω                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1000: 1000 Ω                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Tolerance class (Table 4)           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Z, P, T, A, B or C                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Options                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 00: Standard                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Customised options available ▲      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Style                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| F: Flat                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| R: Round ▲                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Size (Table 1)                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| B, C, D, F, M, N or P               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Substrate thickness (Table 2)       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1: 0.38                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 0: 0.63                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ▲ Please contact us for information |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**Lead Options** Table 5

| Option | Material         | Operating temperature range |
|--------|------------------|-----------------------------|
| G00    | Au/Ni            | -50°C...+600°C              |
| N00    | Ni               | -50°C...+600°C              |
| A00    | Ag               | -50°C...+300°C              |
| P00    | Pt/Ni            | -50°C...+600°C              |
| AZ0    | Solder tinned Ag | -50°C...+180°C              |
| NZ0    | Solder tinned Ni | -50°C...+180°C              |