



FEATURES

- Interchangeability
- Accuracy
- High Sensitivity
- High Stability
- Cost savings
- High reliability
- Small size
- Unlimited life
- D.C. – See below
- T.C. – See below

All illustration dimensions are in inches.

ISO-CURVE® GLASS BEAD AND GLASS PROBE Thermistors are designed for use as precision sensing elements where curve-matched, interchangeability is required for precise temperature control and precision temperature indication. These highly reliable thermistors consist of a matched pair of hermetically sealed thermistors and may be selected to tolerances only limited to the systems capability available to test them.

| ISO-CURVE GLASS PROBES * .5° C Tolerance Over Temp. Range | | | | | |
|--|----------------|--------------------|-----------|-------|------|
| Resis. at 25° C (Ohms) | Part Number | Temp Range | R-T Curve | Ratio | Fig. |
| 2,000 | 129-202VMV-Q01 | 0° C to +125° C | 11 | 7.04 | 1 |
| 4,000 | 129-402VMV-Q01 | 0° C to +150° C | 11 | 7.04 | 2 |
| 15,000 | 129-153YPV-Q01 | 0° C to +200° C | 12 | 7.59 | 2 |
| 100,000 | 129-104XTV-Q01 | +100° C to +300° C | 14 | 9.53 | 2 |

D.C. 3.0 mW/° C minimum; T.C. 22 Sec. maximum; Lead dia. .012"; Lead mat'l duomet

| ISO-CURVE GLASS BEADS * .5° C Tolerance Over Temp. Range | | | | | |
|---|----------------|--------------------|-----------|-------|------|
| Resis. at 25° C (Ohms) | Part Number | Temp Range | R-T Curve | Ratio | Fig. |
| 2,000 | 126-202VMV-B01 | -0° C to +125° C | 11 | 7.04 | 3 |
| 4,000 | 126-402VMV-B01 | 0° C to +150° C | 11 | 7.04 | 4 |
| 15,000 | 126-153YPV-B01 | 0° C to +200° C | 12 | 7.59 | 4 |
| 100,000 | 126-104XTV-B01 | +100° C to +300° C | 14 | 9.53 | 4 |

D.C. .8 mW/° C minimum; T.C. .4 Sec. maximum; Lead dia. .004"; Lead mat'l PT-IR

Note: Iso-Curves® are also available in mini-probe style for applications where small size is critical.

* .25° C and 1.0° C tolerances are also available.

Mouser Electronics

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[126-202VMV-B01](#)