

2 to 100K Ohms Resistance @25°C
±0.2°C Tolerance from 0°C to +70°C
Fast Time Response
Small Tip Diameter



MCD PROBE

NTC thermistor soldered to 38 AWG Solid Nickel Bifilar with Polyester Type Insulation. Unit is potted in a polyimide tube with thermally conductive epoxy.

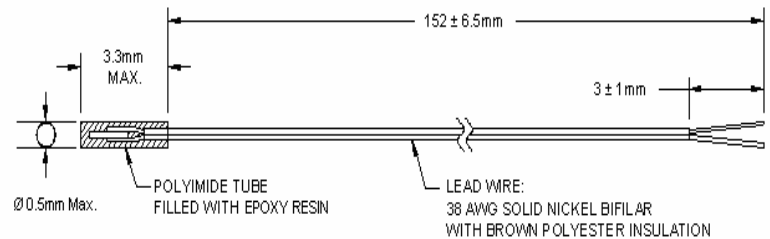
FEATURES

- 2 to 100K Ohms Resistance @25°C
- Supplied with ±0.2°C tolerance @ +25°C
- Custom tolerances available
- Smaller than mini BetaCURVE device
- Rapid time response (200 milliseconds in liquids)
- Temperature range -40°C to +125°C
- RoHS Compliant

APPLICATIONS

- Low volume flow sensors (liquids or gases)
- Laboratory animal research
- Peltiere temperature tracking sensors
- Temperature control for bath showers
- DNA research sensors
- Medical catheters

Dimensions



Micro BetaCHIP Probes (MCD)

Product Definition

| Part Number | Resistance [Ω] @+25°C | Beta Value 25/85 | Time response in liquids [milliseconds] | Dissipation Constant in still air [mW/°C] | Temperature Range |
|---------------------------|-----------------------------------|---------------------|---|---|-------------------|
| 2K7MCD1 | 2,000 | 3499 | 200 | 0.3 | -40°C to +125°C |
| 10K3MCD1 | 10,000 | 3976 | 200 | 0.3 | -40°C to +125°C |
| 100K6MCD1 | 100,000 | 4261 | 200 | 0.3 | -40°C to +125°C |

联系方式



深圳市亿为测控电子有限公司
Shenzhen Bill-Well Measurement & Control Electronics Co., Ltd.

广东省深圳市南山区创业路怡海广场东座2407 邮编：518000

电话：+86 755 2641 9890 传真：+86 755 2641 9680

电子邮箱：sales@bill-well.com