

# Mini BetaCURVE Probes (MBD)

✓RoHS

2.2K to 1M Ohms Resistance @25°C  
±0.2°C Tolerance from 0°C to +70°C  
Fast Time Response  
Small Tip Diameter



## MBD PROBE

NTC thermistor soldered to 30 AWG Solid Silver Plated Copper Wire with PVDF Insulation. Unit is potted in a polyimide tube with thermally conductive black epoxy.

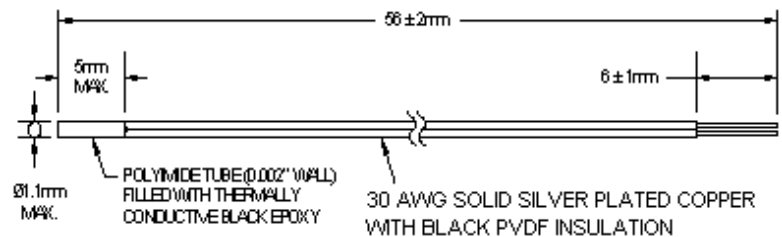
## FEATURES

- 2.2K to 1M Ohms Resistance @25°C
- Supplied with ±0.2°C tolerance from 0 to +70°C
- Custom tolerances available
- Rapid time response (400 milliseconds in liquids)
- Temperature range -40°C to +125°C
- RoHS Compliant

## APPLICATIONS

- Small medical probes
- Micro-flow sensing
- Localized temperature sensing

## Dimensions



# Mini BetaCURVE Probes (MBD)

## 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
<a href="#">2.2K3MBD1</a>	2,252	3976	400	0.5	-40°C to +125°C
<a href="#">3K3MBD1</a>	3,000	3976	400	0.5	-40°C to +125°C
<a href="#">5K3MBD1</a>	5,000	3976	400	0.5	-40°C to +125°C
<a href="#">10K3MBD1</a>	10,000	3976	400	0.5	-40°C to +125°C
<a href="#">10K4MBD1</a>	10,000	3694	400	0.5	-40°C to +125°C
<a href="#">30K5MBD1</a>	30,000	3942	400	0.5	-40°C to +125°C
<a href="#">30K6MBD1</a>	30,000	4261	400	0.5	-40°C to +125°C
<a href="#">50K6MBD1</a>	50,000	4261	400	0.5	-40°C to +125°C
<a href="#">100K6MBD1</a>	100,000	4261	400	0.5	-40°C to +125°C
<a href="#">1M9MBD1</a>	1,000,000	4799	400	0.5	-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