

# Product Change Notice

**Date of Issue:** September 18, 2024

**Manufacturer Name:** Microlab  
**Title of Change:** TB-5MD – Product Specification Change  
**Type of Change:** Electrical Operation & Mechanical Dimensions

**Change Description** The TB-5MD resistive termination has been upgraded to support an extended frequency range from DC-2.7GHz to DC-6GHz, and its temperature range has been expanded to a wider -35 °C to +65 °C. In addition to these enhancements, the mechanical design has been optimized with a 1.9mm reduction in diameter and a slight increase in length by 10.7mm, resulting in improved overall performance and reliability.

**Reason for Change:** These improvements are designed to expand the product's compatibility across a broader array of applications, including the latest 5G networks. The updated mechanical design ensures that the enhanced temperature and frequency capabilities are achieved while maintaining the product's overall reliability and performance.

**Notice Effective Date:** September 18, 2024

**Last Time Buy Date:** N/A

**Last Time Ship Date:** N/A

**Manufacturer Contact:** [sales@microlabtech.com](mailto:sales@microlabtech.com)

**Affected Products:**

| Part Number | Product Description  |
|-------------|--|
| TB-5MD      | Resistive Termination DC-2.7GHz 20W 7-16(m) Indoor (Rev B – 23SEP2016) |

**Mechanical Outline**

