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Standard		RoHS 2.0		VS		Date	
				1.0		2025-08-15	

  

Technical drawing of a temperature sensor. The drawing shows a cylindrical sensor with a threaded section on the left and a gray insulated cable extending from the right. Dimensions are indicated: 5 (height of the threaded section), 4.0 (length of the threaded section), 1000±20 (total length of the sensor), 30 (length of the gray insulated cable), and 4.0 (width of the sensor body at the cable connection). A label 'Gray insulated cable' points to the main body of the sensor.

  

Technical requirements:

- Nominal resistance value:  $R_{25} = 50.000K\Omega \pm 2\%$ ;
- B-value parameter:  $B_{25/50} = 3950K \pm 1\%$ ;
- Insulation resistance: 500VDC, greater than  $100M\Omega$ ;
- Voltage tolerance: When 2,500 VAC is applied between the sensor and the casing, there should be no flashover or breakdown;
- Operating temperature range:  $-40$  to  $+105^{\circ}C$ ;
- This component must meet the RoHS requirements.

  

Yiwu Helloyee Imp And Exp Co., LTD			
Product Name	Temperature sensor		
part number	JSW-MNRT1001000A-50K		
Customer model	ME-NTC-S50K		A1