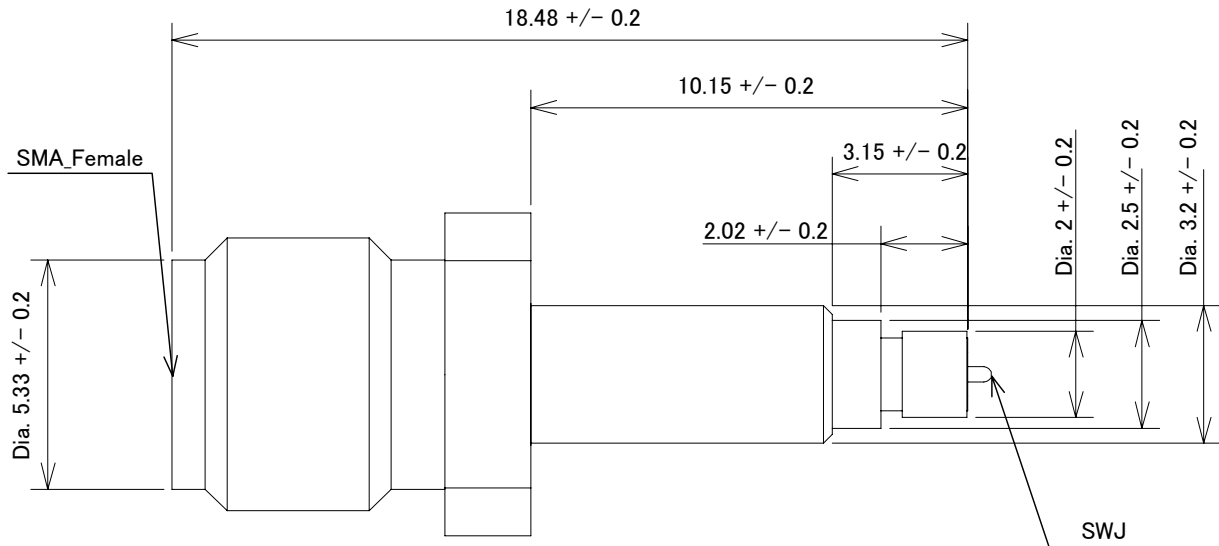


**SPECIFICATION**

**1. MECHANICAL**

Manual measurement probe for SWJ MM8830-2600



Scale: Free  
Tolerance Unless  
Otherwise Specified: +/- 0.5  
Unit: mm

Figure 1 Construction

**2. RATING:**

Item	Specification
Voltage Rating	30Vr.m.s. maximum
Nominal Frequency Range	DC to 6GHz
Nominal Impedance	50Ω
Temperature Rating	-40°C to +85°C
Insulation Resistance	500 MΩ minimum
Withstanding Voltage	No evidence of breakdown
Initial Contact Resistance (without conductor resistance)	Center contact 70.0mΩmax. Outer contact 20.0mΩmax.
A> Voltage Standing Wave Ratio (V.S.W.R.)	Meet the requirements of following spec. 1.3max. (DC to 3GHz) 1.4max. (3GHz to 6GHz)
A> Insertion loss	0.5dB max. (DC to 3GHz) 0.6dB max. (3GHz to 6GHz)
A> Durability	2K cycles
A> Engage and disengage force. (PROBE side only)	a. Engagement 30N maximum b. Disengagement 5N minimum 20N maximum