

**SPECIFICATION**

Revised A: 02/Apr./'13 KT, B: 20/Mar./'14 TT ,C: 7/Jul./'15 IG, D:02/Jun./'16 IG,  
Revised E:10/Jun./'16 MA,

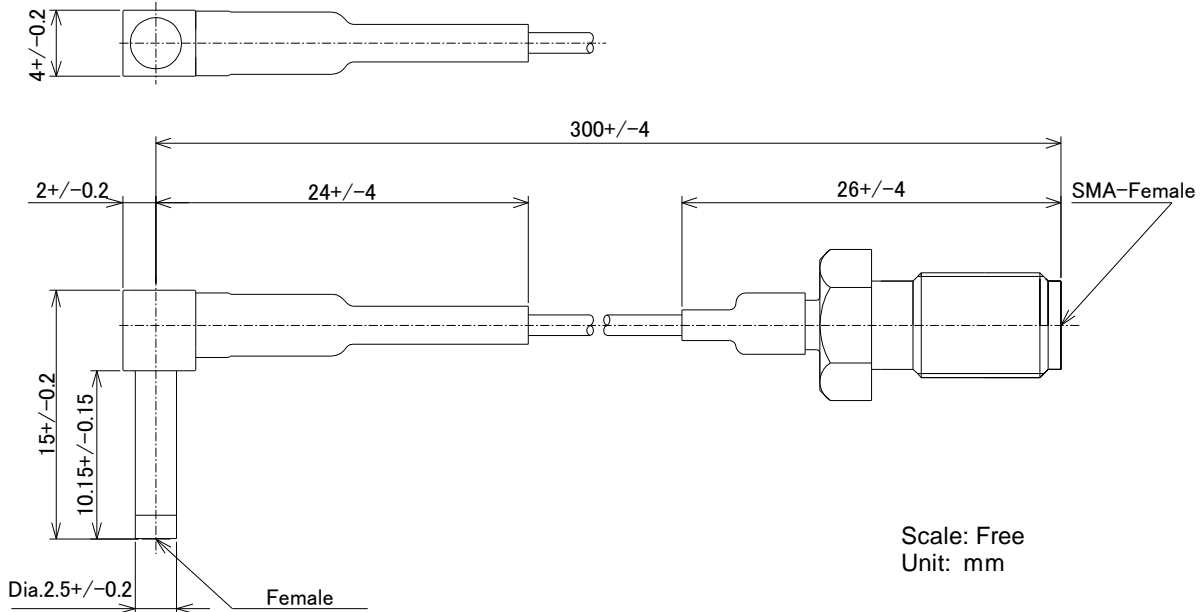
**1. MECHANICAL**

> A >B>C>D>E

Manual measurement probe for JSC-Male and LSC-Male.

Calibration adapter for MXHQ87XB3000 is as below.

JSC	LSC
MM121540	MM121662
MM121542	MM121661



**2. RATING:**

Item	Specification		
Voltage Rating	30Vr.m.s. maximum		
D>A> Nominal Frequency Range	JSC-Male	LSC-Male	
	DC to 12GHz	DC to 6GHz	
Nominal Impedance	50Ω		
Temperature Rating	-40°C to +85°C		
Insulation Resistance	500 MΩ minimum		
Withstanding Voltage	AC 200V r.m.s.		
Initial Contact Resistance (without conductor resistance)	Center contact 35.0mΩmax. Outer contact 20.0mΩmax.		
D>A> Voltage Standing Wave Ratio (V.S.W.R.)	JSC-Male	LSC-Male	
	DC to 3GHz	1.6max	1.8max
	3GHz to 6GHz	1.6max	2.0max
	6GHz to 9GHz	2.1max	-
D>A> Insertion loss	JSC-Male	LSC-Male	
	DC to 3GHz	1.2dB max	1.4dB max
	3GHz to 6GHz	1.7dB max	2.5dB max
	6GHz to 9GHz	2.8dB max	-
A> Durability	2K cycles		
	Engage and disengage force. (PROBE side only)	a. Engagement 30N maximum b. Disengagement 3N minimum 25N maximum	