Preliminary Specification of COAXIAL CONNECTOR
Preliminary SPEC No. : NMM04-PU0005E
Part Number : MM126512
SPECIFICATION

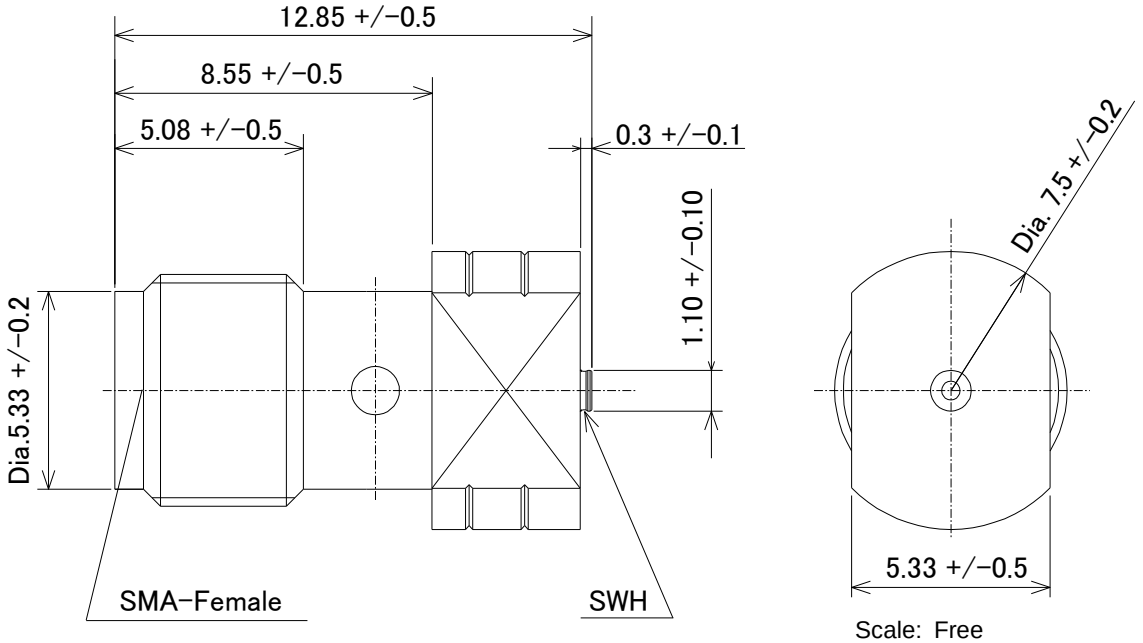
Written by: T. Yui
Checked by: T.Kuriyama
Date: 04 /Feb./2011

Revised A: 09/Feb./'11 YT B: 18/Jun./'12 YT C: 18/Feb./'20 MM D: 10/Dec./'21 MS E: 2/Feb./'22 NM

1. MECHANICAL

E>B>A>

Calibration adapter for SWH probe



Scale: Free
Otherwise Specified
Tolerance Unless: +/-0.2
Unit: mm

2. RATING:

Item	Specification
A> Voltage Rating	30V r.m.s. maximum
E>B> Nominal Frequency Range	DC to 20GHz
Nominal Impedance	50Ω
E> Temperature Rating	25°C +/- 15°C
Insulation Resistance	500 MΩ minimum
E> Withstanding Voltage	No evidence of breakdown in AC 200V r.m.s. 1 minute
E> Initial Contact Resistance (without conductor resistance)	70mΩmax.
D>C>B>Voltage Standing Wave Ratio (V.S.W.R.)	1.3max. (DC to 3GHz) 1.6max. (3GHz to 6GHz) 1.8 max. (6GHz to 9GHz) 2.0 max. (9GHz to 12GHz) 2.0 max. (12GHz to 15GHz) 2.0 max. (15GHz to 18GHz) 2.2 max. (18GHz to 20GHz)
D>C>B>Insertion Ioss	0.3dB max. (DC to 3GHz) 0.6dB max. (3GHz to 6GHz) 1.5 dB max. (6GHz to 9GHz) 1.5 dB max. (9GHz to 12GHz) 1.5 dB max. (12GHz to 15GHz) 1.5 dB max. (15GHz to 18GHz) 1.5 dB max. (18GHz to 20GHz)
B> Durability	200 cycles