muRata

Preliminary Specification of COAXIAL CONNECTOR
Preliminary SPEC No. : NMM04-PU0003F
Part Number : MXHQ87PA3000
SPECIFICATION

Written by T. Yui
Checked by T. Kuriyama
Date 01/Feb./2011

Revised A: 30/Nov./'11 YT,B: 1/Mar./'12 TK, C:17/Mar./'14 TT, D:04/Feb./'15 MA
E:12/Feb./'21 MS, F:14/Jun./'22 NM

1. MECHANICAL

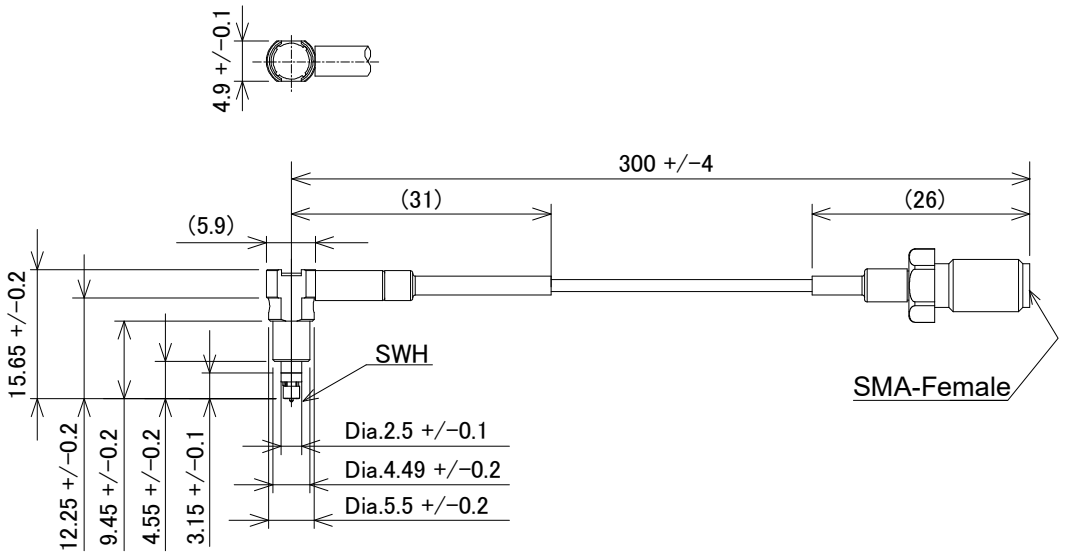
F>D>C>B>A

Manual measurement probe for SWH.

MM126511 and MM126512 are used as calibration adapter.

It is not recommended to use this product in your mass production line.

Please use it in your laboratory only.



SCALE:FREE
UNIT: mm

2. RATING:

Item	Specification
>B Voltage Rating	30Vr.m.s. maximum
>E Nominal Frequency Range	DC to 12GHz
Nominal Impedance	50Ω
>E Temperature Rating	25°C +/- 15°C
Insulation Resistance	500 MΩ minimum
>E>B Withstanding Voltage	No evidence of breakdown in AC 200Vr.m.s, 1 minute
>E Initial Contact Resistance (without conductor resistance)	70.0mΩmax.
>E>A Voltage Standing Wave Ratio (V.S.W.R.)	1.8 max. (DC~3GHz) 2.1 max. (3~6GHz) 2.2 max. (6~9GHz) 2.3 max. (9~12GHz)
>E>A Insertion loss	1.2dB max. (DC~3GHz) 1.8dB max. (3~6GHz) 2.2dB max. (6~9GHz) 2.65dB max. (9~12GHz)
>B Durability	2K cycles
>B Engage and disengage force. (PROBE side only)	a. Engagement 30N maximum b. Disengagement 5N minimum 23N maximum