Preliminary Specification of COAXIAL CONNECTOR
Preliminary SPEC No. : NMM04-PT0051E
Part Number : MXFQB1RU3000
SPECIFICATION

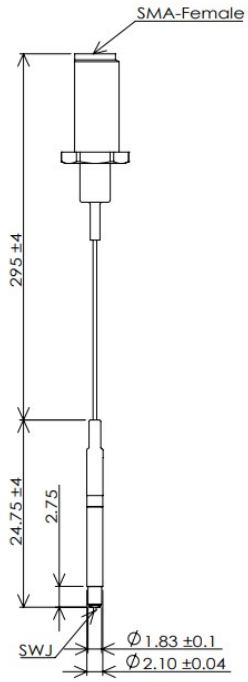
Written by T. Namaizawa
Checked by A. Morita
Date 8/Jul./2020

Revised A: 12/Apr./'21 NM B: 11/Oct./'21 NM C: 11/Nov./'21 NM, D: 24/Jun./'22 NM
E: 7/Oct./'22 XL

1. MECHANICAL

D>
Manual measurement probe for SWJ.
MM126714 and MM126712 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.

E>C>B>A>



Enclosed attachment : Mounting Nut…1pc
Lock Washer…1pc

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

2. RATING:

Item	Specification
Voltage Rating	30Vr.m.s. maximum
C> Nominal Frequency Range	DC to 12GHz
Nominal Impedance	50Ω
Temperature Rating	25°C +/- 15°C
Insulation Resistance	500 MΩ minimum
Withstanding Voltage	No evidence of break down in AC200Vr.m.s, 1minute
Initial Contact Resistance (without conductor resistance)	70mΩmax.
C> Voltage Standing Wave Ratio (V.S.W.R.) (Measured with MM126714)	1.3 max. (DC~3GHz) 1.35 max. (3~6GHz) 1.55 max. (6~9GHz) 1.8 max. (9~12GHz)
C> Insertion loss (Measured with MM126714)	3.5 max.(DC~3GHz) 4.8 max. (3~6GHz) 6.0 max. (6~9GHz) 7.0 max. (9~12GHz)
D> Durability	2K cycles
D> Engage and disengage force. (PROBE side only)	a. Engagement 30N maximum b. Disengagement 5N minimum 20N maximum