



Preliminary Specification of COAXIAL CONNECTOR

Preliminary SPEC No. : NMM04-PV0011A
 Part Number : MXHQ87WA3000

Written by M. Okuda

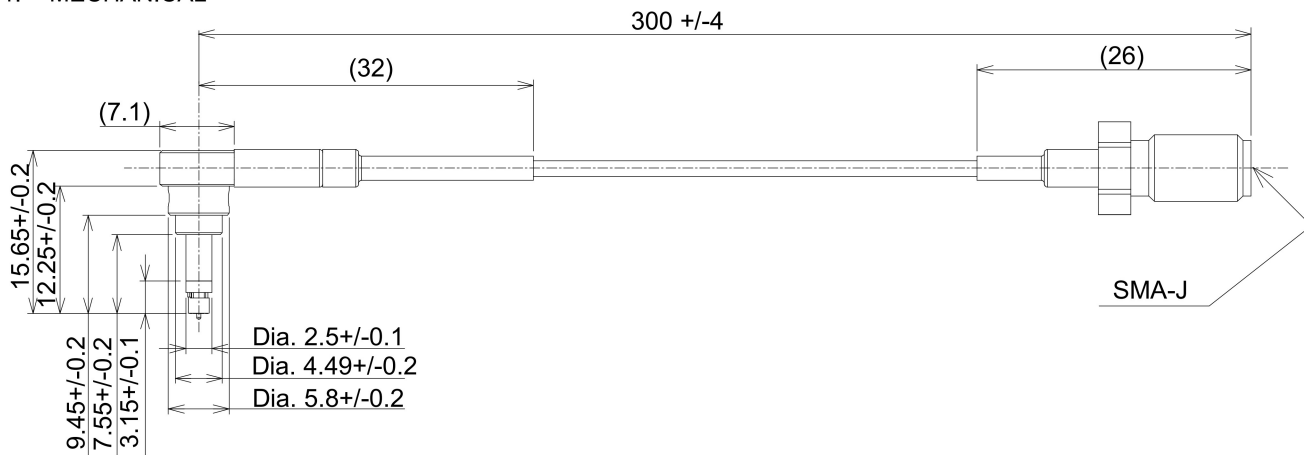
Checked by T. Kuriyama

Date 17/Dec./2008

Revised A: 06/Mar./'09 KY

SPECIFICATION

1. MECHANICAL



SCALE:FREE
 UNIT: mm

2. RATING:

Item	Specification
Voltage Rating	250Vr.m.s. maximum
Nominal Frequency Range	DC to 11GHz
Nominal Impedance	50Ω
Temperature Rating	-40°C to +85°C
Insulation Resistance	500 MΩ minimum
Withstanding Voltage	AC 300V±20V
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. 1.5max. (DC~3GHz) 1.8max. (3~6GHz) 3.5max. (6~11GHz)
A> Insertion loss	1.5dB max.(DC~3GHz) 2.5dB max.(3~6GHz) 4.5dB max.(6~11GHz)
A> Durability	2K cycles
Engage and disengage force. (PROBE side only)	a. Engagement 30N maximum b. Disengagement 5N minimum 35N maximum