Preliminary Specification of COAXIAL CONNECTOR
Preliminary SPEC No. : NMM04-PV0083A
Part Number : MM126311

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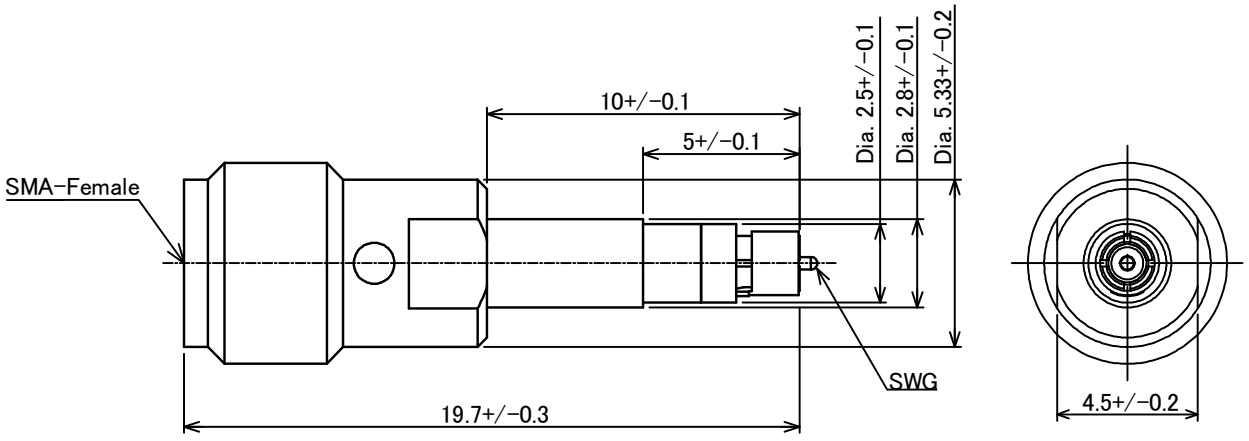
SPECIFICATION

1. MECHANICAL

A>

Manual measurement probe for SWG.
MM126317 and MM126312 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
Otherwise Specified
Tolerance Unless: +/-0.2
Unit: mm

2. RATING:

Item	Specification
Voltage Rating	30V r.m.s. maximum
A> Nominal Frequency Range	DC to 20GHz
Nominal Impedance	50Ω
A> Temperature Rating	25°C +/- 15°C
Insulation Resistance	500 MΩ minimum
A> Withstanding Voltage	No evidence of breakdown in AC 300V r.m.s, 1 minute
A> Initial Contact Resistance (without conductor resistance)	70mΩmax.
A> Voltage Standing Wave Ratio (V.S.W.R.)	1.3 max. (DC to 3GHz) 1.6 max. (3GHz to 6GHz) 2.0 max. (6GHz to 9GHz) 2.1 max. (9GHz～12GHz) 2.3 max. (12GHz～15GHz) 2.3 max. (15GHz～18GHz) 2.3 max. (18GHz～20GHz)
A> Insertion Ioss	0.4 dB max. (DC to 3GHz) 0.6 dB max. (3GHz to 6GHz) 1.0 dB max. (6GHz to 9GHz) 1.0 dB max. (9GHz～12GHz) 1.1 dB max. (12GHz～15GHz) 1.1 dB max. (15GHz～18GHz) 1.1 dB max. (18GHz～20GHz)
Durability	2K cycles
Engage and disengage force. (PROBE side only)	a. Engagement 30N maximum b. Disengagement 5N minimum 35N maximum