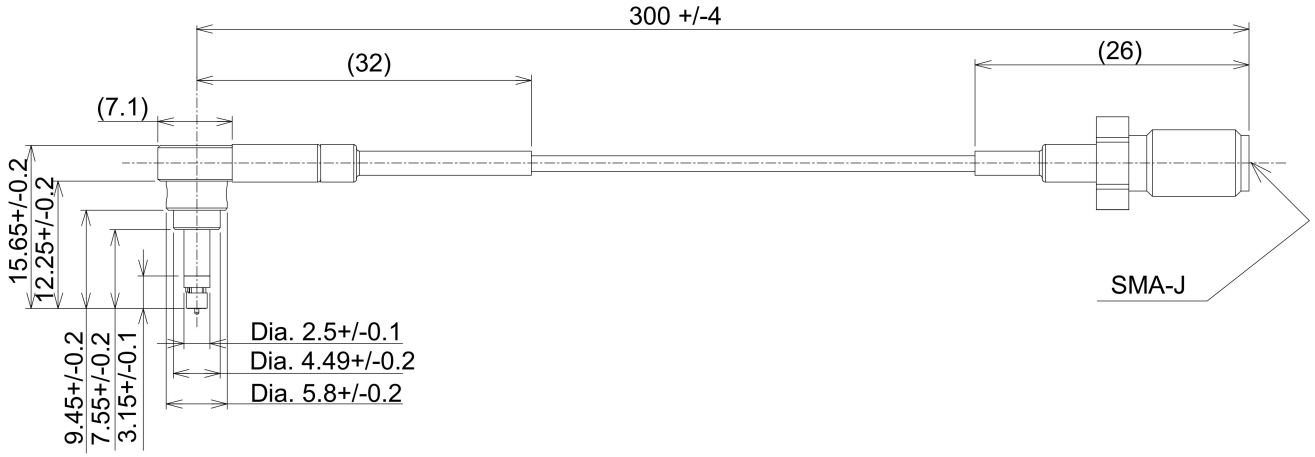
Preliminary Specification of COAXIAL CONNECTOR
Preliminary SPEC No. : NMM04-PV0011A
Part Number : MXHQ87WA3000
SPECIFICATION

Written by M. Okuda
Checked by T. Kuriyama
Date 17/Dec./2008
Revised A: 06/Mar. /'09 KY

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<br>b. Disengagement 5N minimum<br>35N maximum |

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## Murata Manufacturing:

GRM158C80G226ME01D GRM31BR72J222KW01L RDE5C1H472J1M1H03A RDER71H105K2K1H03B GA342A1XGF270JW31L GCJ55DR7LV334KW01K GCM1885C2A181FA16D GRM1555C1H1R0BA01D GRM155R61C333KA01D GRM0335C1H1R6BA01D XRCGE26M000FXA2AR0 GRM033R60J104KE19J GRM1555C2A101GA01D NFM41CC471R2A3L GRM21BR72A223KA01L LQW15CNR56J1ZD GCM1885C1H561GA16D GRJ31MR71E225KE11L GRM0335C1E330JA01D GCD21BR71H104KA01L GCM1555C1H6R8DA16D GCM21BR72A104KA37K GRM0335C1H9R0BA01D GRM033R60J473JE19D GRM1555C1H6R8DA01D GRM155R61A223KA01D B1134AS-1R0N=P3 GRM188R61A226ME15D LQP03HQR39J02D GRM1555C1H180GA01D