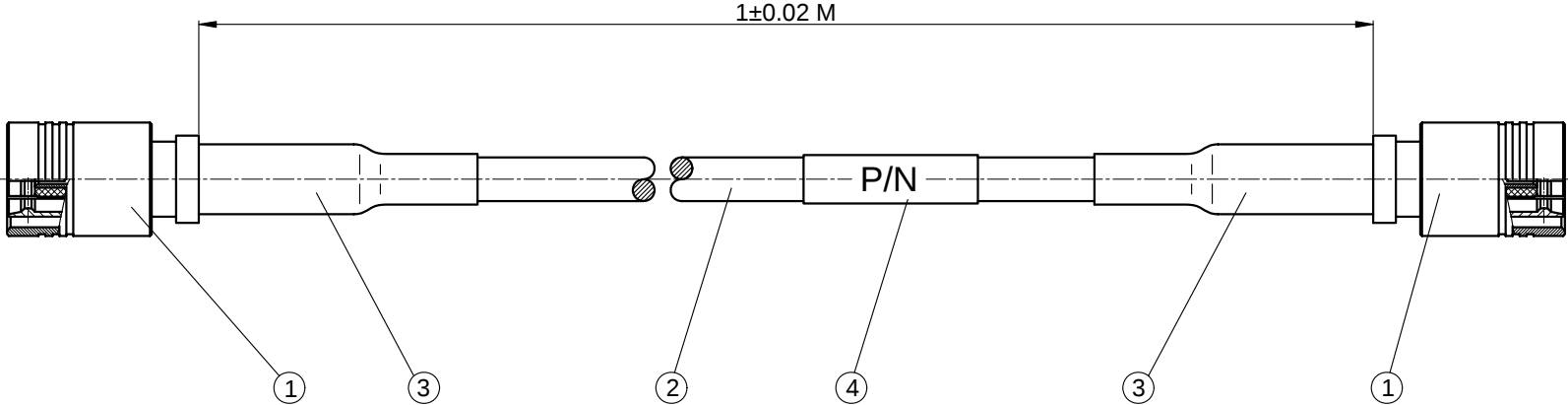


| REV | DESCRIPTION OF REVISION | ECN No. | BY    | DATE     | APPROVED |
|-----|-------------------------|---------|-------|----------|----------|
| A   | INITIAL RELEASE         | ——      | L. Ma | 09/08/12 | M. Dong  |
| B   | SMB CONNECTOR CHANGED   | ——      | L. Ma | 03/20/13 | M. Dong  |

TECHNICAL DATA

- 1. Impedance: 50 Ω
- 2. Temp. range: -55~+125 °C
- 3. Durability: 500 Cycles
- 4. Withstanding voltage: 335V
- 5. Frequency range: 0~3 GHz

6. MATERIALS AND FINISHES
- SMB Male Connector:  
Body - Brass plated Gold  
Center & Outer Contact - Phosphor Bronze plated Gold  
Insulator - PTFE



|     |                |                                                      |     |
|-----|----------------|------------------------------------------------------|-----|
| 4   |                | Customer Label                                       | 1   |
| 3   |                | Dual Wall Heat-shrinkable Tube                       | 2   |
| 2   | RG316          | RG316 Cable                                          | 1   |
| 1   | 70-03-1M00-022 | SMB Straight Male Crimp for LMR100/RG174/RG316 Cable | 2   |
| S/N | Part No.       | Description                                          | QTY |

NOTES:

- 1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- 2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

|                                                                        |                                                                                                                                                     |             |                                                                                                                                               |               |           |  |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|--|
| DRAWN: L. Ma 03/20/13                                                  | TITLE:<br><br>Cable Assembly, SMB Straight Male<br>(Female Center Contact) to SMB Straight<br>Male (Female Center Contact),<br>RG316 Cable, 1 Meter |             | <br><a href="http://www.cmp ter.com">www.cmp ter.com</a> |               |           |  |
| ENGINEER: J. Zhu 03/20/13                                              |                                                                                                                                                     |             |                                                                                                                                               |               |           |  |
| APPROVED: M. Dong 03/20/13                                             |                                                                                                                                                     |             |  DIMENSIONS IN MILLIMETERS (mm)                          |               |           |  |
| TOLERANCE UNLESS OTHERWISE SPECIFIED                                   |                                                                                                                                                     |             |                                                                                                                                               |               |           |  |
| X ±0.50 [.019"]<br>.X ±0.20 [.008"]<br>.XX ±0.10 [.004"]<br>ANGLES ±1° | Part No.: CA316-SMBM-SMBM-1M-251                                                                                                                    | SIZE:<br>A4 | SCALE:<br>2.5:1                                                                                                                               | SHEET:<br>1/1 | REV:<br>B |  |