

TECHNICAL DATA

1. Impedance: 50 Ω
2. Temp. range: -55~+165 $^{\circ}\text{C}$
3. Durability: 500 Cycles
4. Withstanding voltage: 500 Vrms
5. Frequency range: 0~3 GHz
6. Cable assembly to be 100% tested for continuity

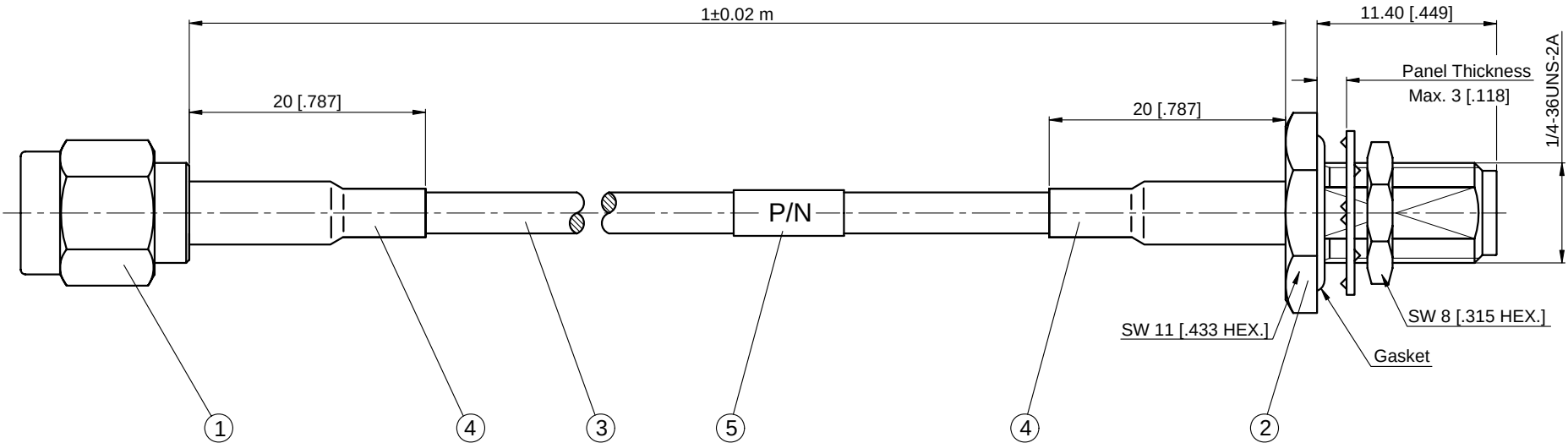
7. MATERIALS AND FINISHES

SMA Straight Male Connector:

Body & Nut - Brass plated Gold
Center contact - Brass plated Gold
Insulator - PTFE
Gasket - Silicone Rubber

SMA Straight Bulkhead Female Connector:

Body - Brass plated Gold
Center contact - Beryllium Copper Alloy plated Gold
Insulator - PTFE
Washer - Beryllium Copper Alloy plated Gold
Fastening Nut - Brass plated Gold
Gasket - Silicone Rubber



RoHS Compliant

Recommended Mounting Hole

NOTES:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.

REVISIONS			
REV	DESCRIPTION OF REVISION	ECN No.	DATE
A	INITIAL RELEASE		09/30/2014
			M. Dong

5		Customer Label	1
4	HSTD-4-BK	4mm Diameter Dual Wall (Adhesive/glue) Heat-shrinkable Tube	2
3	RG316D	Flexible RG316D Coax Cable Double Shielded with Tan FEP Jacket	1
2	60-02-1B04-193	SMA Straight Waterproof Bulkhead Female Crimp for RG316D Cable	1
1	60-03-1M04-194	SMA Straight Male Crimp for RG316D Cable	1
S/N	Part No.	Description	QTY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES].
UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE:
.XX ±0.13 [.005"]
.X ±0.20 [.008"]
X ±0.50 [.019"]
ANGULAR TOLERANCES ARE: ALL ±1°
OVERALL CABLE LENGTH TOLERANCES ARE: ±2%

DO NOT SCALE DRAWING

PROJECTION:

DRAWN: L. Ma 09/30/2014
CHECKED: J. Zhu 09/30/2014
APPROVED: M. Dong 09/30/2014

TITLE:
Cable Assembly, SMA Straight Male to SMA Straight Waterproof Bulkhead Female, RG316D Cable, 1 Meter

CMPPTER®

Cmptter Electronics Co., Ltd. www.cmptter.com

PART NO.:
CA316D-SMAM-SMAFBW-1M-688

SIZE: A4 SCALE: 2.5:1 SHEET: 1/1 REV: A