

TECHNICAL DATA

1. Impedance: 50 Ω
2. Temp. range: -55~+125 $^{\circ}\text{C}$
3. Durability: 500 Cycles
4. Withstanding voltage: 250 V
5. Frequency range: 0~3 GHz
6. Cable assembly to be 100% tested for continuity

7. MATERIALS AND FINISHES

BNC Bulkhead Female Connector:

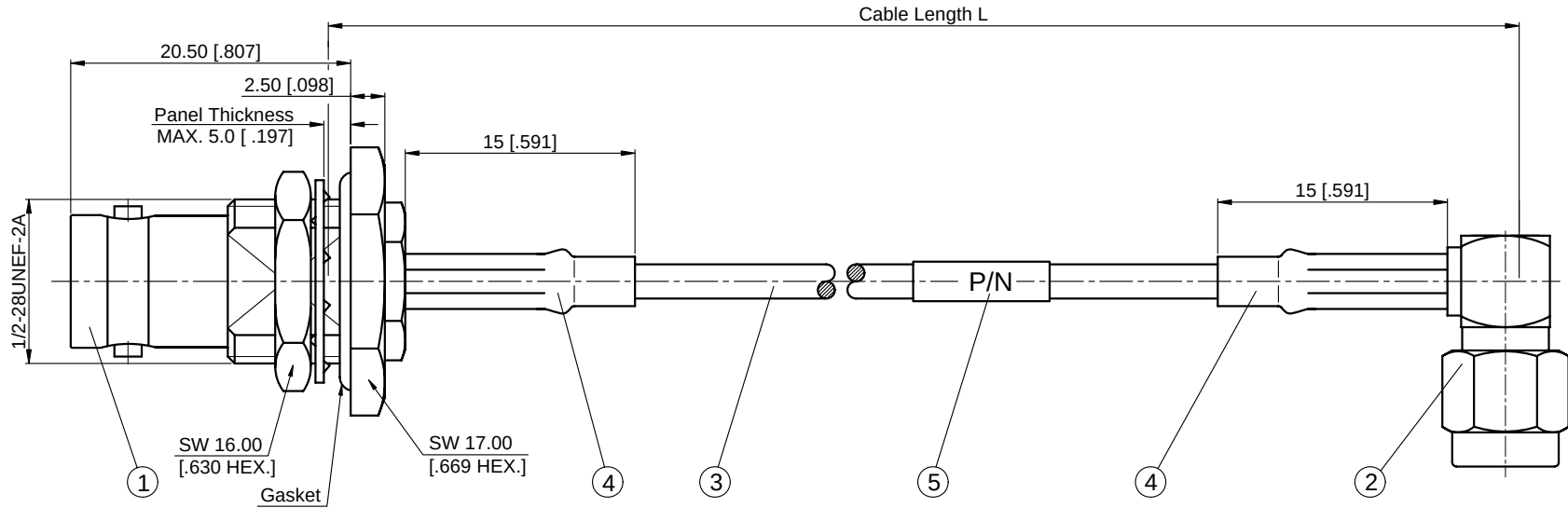
Body - Brass plated Nickel
Center contact - Phosphor Bronze plated Gold
Fastening Nut - Brass plated Nickel
Insulator - PTFE
Gasket - Silicone Rubber

SMA Right Angle Male:

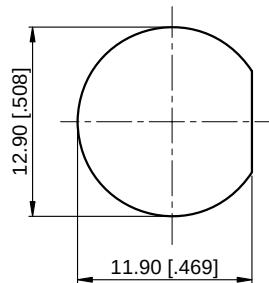
Body - Brass plated Gold
Center contact - Brass plated Gold
Insulator - PTFE

REVISIONS

REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE	---	01/23/2013	M. Dong
B	ADD DIFFERENT LENGTH	---	01/21/2014	M. Dong
C	BNC CONNECTOR CHANGED	---	02/20/2014	M. Dong
D	HEAT-SHRINKABLE TUBE LENGTH CHANGED	---	04/02/2014	M. Dong
E	CABLE LENGTH CHANGED	---	04/24/2014	M. Dong



Part No.	Cable Length	Customer P/N
CA316-BNCFBW-SMARAM-32cm-297	32±0.2cm	SP01487
CA316-BNCFBW-SMARAM-43cm-532	43±0.2cm	SP01488



Recommended Mounting Hole

5		Customer Label	1
4	HSTD-4-BK	4mm Diameter Dual Wall (Adhesive/glue) Heat-shrinkable Tube	1
3	RG316	Flexible RG316 Coax Cable Single shielded with Tan FEP Jacket	1
2	60-13-1M00-016	SMA Right Angle Male Crimp for LMR100/RG174/RG316 Cable	1
1	10-02-1D00-058	BNC Straight Waterproof Bulkhead Female Crimp for LMR100/RG174/RG316 Cable	1
S/N	Part No.	Description	QTY

RoHS Compliant

NOTES:

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

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 04/24/2014
CHECKED: J. Zhu 04/24/2014
APPROVED: M. Dong 04/24/2014

TITLE:
Cable Assembly, BNC Straight
Waterproof Bulkhead Female to SMA
Right Angle Male, RG316 Cable

CMPTEER®

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PART No.:
CA316-BNCFBW-SMARAM-XXX-XXX

SIZE: A4 SCALE: 2:1 SHEET: 1/1 REV: E