

## TECHNICAL DATA

1. Impedance: 50  $\Omega$
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

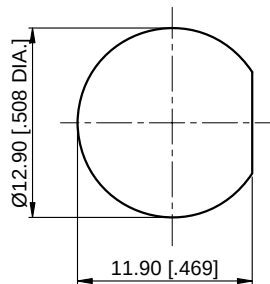
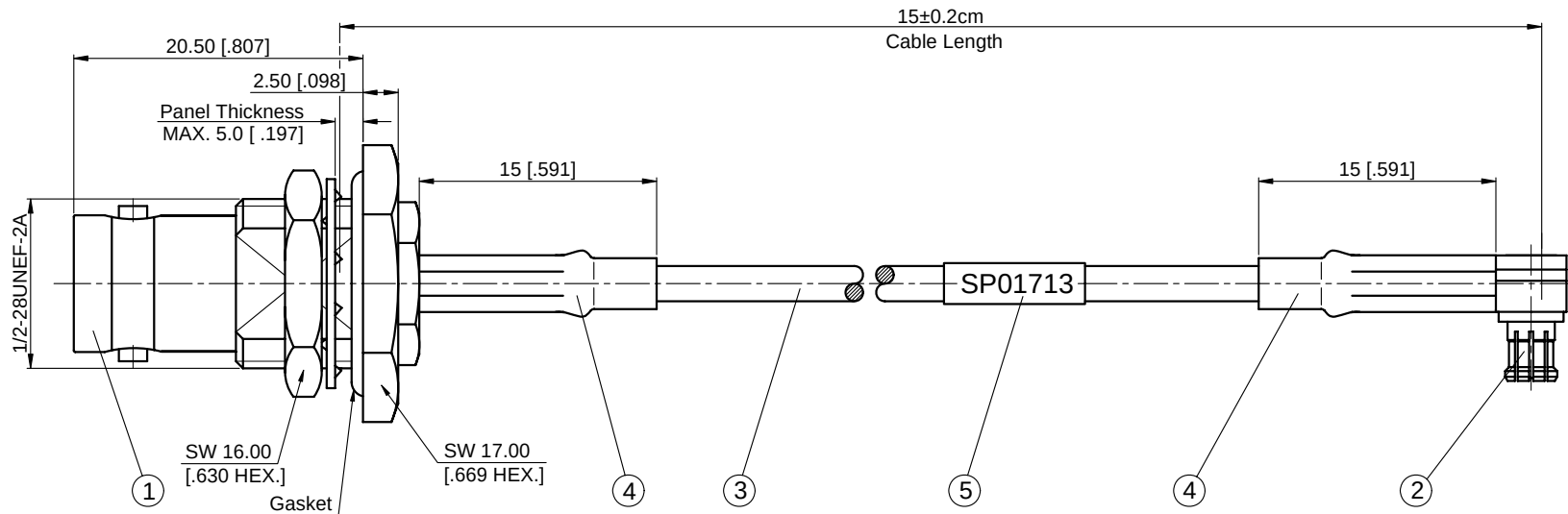
#### BNC Bulkhead Female Connector:

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

#### MCX Right Angle Male:

Body - Brass & Phosphor Bronze plated Gold  
Center contact - Brass plated Gold  
Insulator - PTFE

| REVISIONS |                                     |         |            |
|-----------|-------------------------------------|---------|------------|
| REV       | DESCRIPTION OF REVISION             | ECN No. | DATE       |
| A         | INITIAL RELEASE                     | —       | 01/22/2014 |
| B         | BNC CONNECTOR CHANGED               | —       | 02/20/2014 |
| C         | HEAT-SHRINKABLE TUBE LENGTH CHANGED | —       | 04/04/2014 |
| D         | CABLE LENGTH CHANGED                | —       | 04/24/2014 |

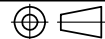


RoHS Compliant

### NOTES:

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

|     |                |                                                                            |     |
|-----|----------------|----------------------------------------------------------------------------|-----|
| 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   | 30-13-1M00-005 | MCX 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 |

|                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES].<br>UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE:<br>.XX ±0.13 [.005"]<br>.X ±0.20 [.008"]<br>X ±0.50 [.019"]<br>ANGULAR TOLERANCES ARE: ALL ±1°<br>OVERALL CABLE LENGTH TOLERANCES ARE: ±2%<br>DO NOT SCALE DRAWING<br>PROJECTION:  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

|                                                                                                                           |         |            |
|---------------------------------------------------------------------------------------------------------------------------|---------|------------|
| DRAWN:                                                                                                                    | L. Ma   | 04/24/2014 |
| CHECKED:                                                                                                                  | J. Zhu  | 04/24/2014 |
| APPROVED:                                                                                                                 | M. Dong | 04/24/2014 |
| TITLE:<br>Cable Assembly, BNC Straight Waterproof Bulkhead Female to MCX Right Angle Male, RG316 Cable, Cable Length 15cm |         |            |

|                                                                                                                                                                          |               |               |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|-----------|
| <br>Cmpter Electronics Co., Ltd. <a href="http://www.cmpter.com">www.cmpter.com</a> |               |               |           |
| PART No.:<br>CA316-BNCFBW-MCXRAM-15cm-534                                                                                                                                |               |               |           |
| SIZE:<br>A4                                                                                                                                                              | SCALE:<br>2:1 | SHEET:<br>1/1 | REV:<br>D |