

## Specifications:

### Electrical:

Frequency:DC-6GHz

VSWR:1.3:1(Max.)

Impedance: 50Ohm

Connection: SMA Male

### Mechanical:

Durability:500 Cycles

Mating:1/4-36 Thread coupling

Mating Torque:Recommended:80-110N.cm

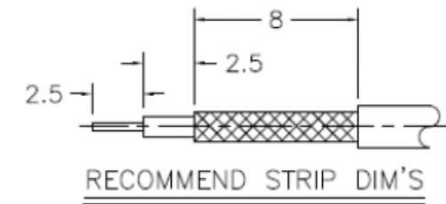
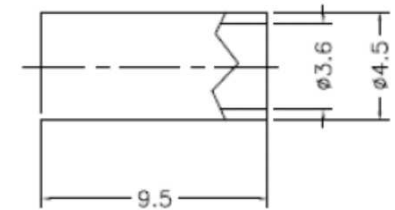
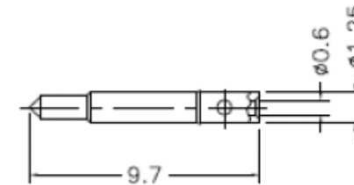
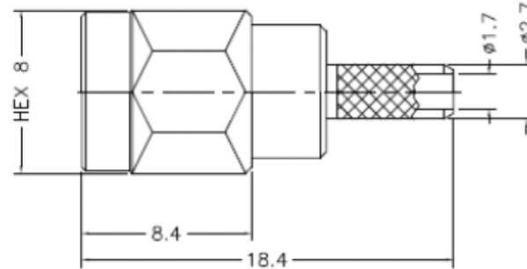
Max.:170N.cm

### Environmental:

Temperature: -40℃~85℃

Vibration:MIL-STD-202 Meth.204

Corrosion:MIL-STD-202 Meth.101(5% salt solution)



Unit:mm



### Material:

| Part                 | Material    | Plated |
|----------------------|-------------|--------|
| Shell                | Brass       | Gold   |
| Gasket               | S.L. Rubber |        |
| Inner Retaining Ring | Stainless   |        |
| Insulator            | Teflon      |        |
| Body                 | Brass       | Gold   |
| Center Pin           | Brass       | Gold   |
| Ferrule              | Brass       | Gold   |

|                                                                                       |                   |                            |         |                                                                                                                                                                                                   |                               |
|---------------------------------------------------------------------------------------|-------------------|----------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS<br>ARE IN mm AND TOLERANCES ARE:            |                   |                            |         |   Woken Technology Inc. |                               |
| INTEGRAL DIMENSIONS ± TOLINT                                                          |                   | ANGULAR DIMENSIONS ±TOLANG |         | CODE                                                                                                                                                                                              | DWG TITLE                     |
| x                                                                                     | ±0.38 .xx ±0.15   | HOLES UNDER Ø5.0 ±0.05     |         | SIZE<br>A4                                                                                                                                                                                        | SMA(M)180° ,G,for RG316DS     |
| .x                                                                                    | ±0.25 .xx x ±0.05 |                            |         |                                                                                                                                                                                                   | Crimp Connector               |
| THIRD ANGLE PROJECTION                                                                |                   | DRAWN                      | Terence | 11/30/13'                                                                                                                                                                                         | DWG NO.<br><br>002W1CA1GCD01N |
|  |                   | ENGR                       | Jack    | 11/30/13'                                                                                                                                                                                         |                               |
|                                                                                       |                   | APVD                       | James   | 11/30/13'                                                                                                                                                                                         |                               |
|                                                                                       |                   |                            |         | REV<br>C                                                                                                                                                                                          |                               |