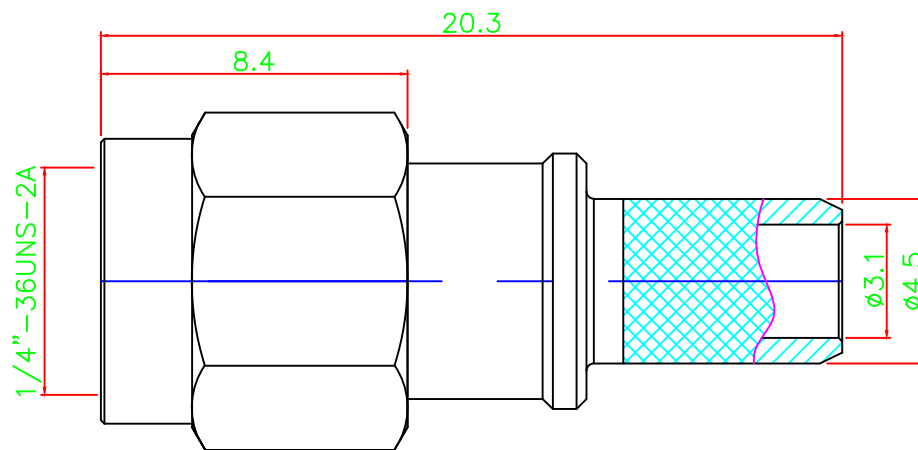
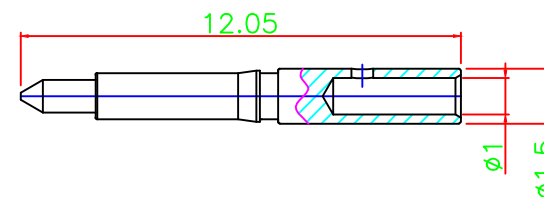
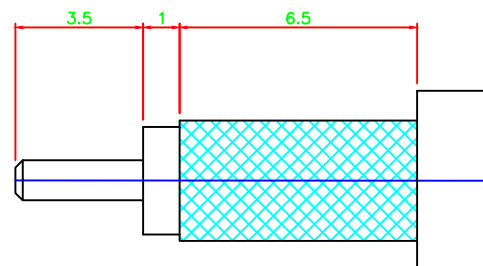
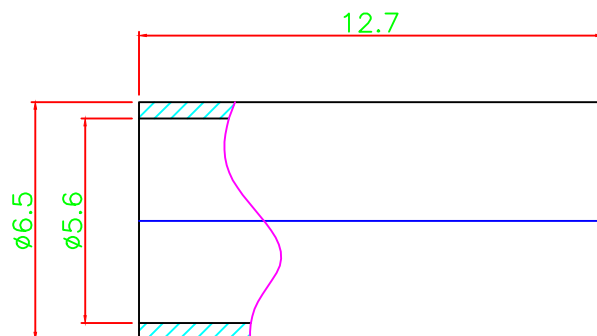




Solder or .047" / 1.2mm Hex.



.217" / 5.5mm Hex.

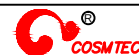


| NO | Description | Material | Finish |
|----|-------------|----------|--------|
| 1  | Shell       | Brass    | Gold   |
| 2  | Body        | Brass    | Gold   |
| 2  | Insulator   | Teflon   | —      |
| 3  | Contact     | Brass    | Gold   |
| 4  | Sanp Ring   | SUS304   | —      |
| 5  | Gasket      | Silicone | —      |
| 6  | Ferrule     | Brass    | Gold   |

Dimensions Are in Millimeters  
Unless Otherwise Specified  
Tolerances



|           |         |
|-----------|---------|
| 0.5-6     | = ± 0.2 |
| 6-30      | = ± 0.4 |
| 30-120    | = ± 0.6 |
| 120-315   | = ± 1.0 |
| 315-1000  | = ± 1.6 |
| 1000-2000 | = ± 2.4 |



COSMTEC RESOURCES CO., LTD

|                                                                                                                                                         |         |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|
| DRAFT                                                                                                                                                   | CHECKED | APPROVED |
| The Drawing Contans Information That Is Proprietary To Cosmtec Resources Co., Ltd<br>And Should Not Be Used Without Written Permission. www.cosmtec.com |         |          |

| NO | Items                           | Specs                                           |
|----|---------------------------------|-------------------------------------------------|
| 1  | Impedance                       | 50Ω                                             |
| 2  | Frequency                       | DC~6GHz                                         |
| 3  | V.S.W.R                         | 1.2 Max                                         |
| 4  | Working Voltage                 | 500V                                            |
| 5  | Dielectric Withstanding Voltage | AC 1500V                                        |
| 6  | Insulation Resistance           | 5000 MΩ Min                                     |
| 7  | Contact Resistance              | Center contact ≤ 3.0mΩ<br>Outer contact ≤ 2.0mΩ |
| 8  | Temperture Range                | -55°C ~ +165°C                                  |
| 9  | Mating                          | Screw-On                                        |
| 10 | Material/Finish                 | All RoHS Compliant                              |

Part No. S-001-58 (A-Type)

Title: SMA PLUG RP CRIMP FOR  
RG-58/LMR195 CABLE

|                   |            |           |        |
|-------------------|------------|-----------|--------|
| DATE: MAR/25/2022 | SCALE: 1:1 | UNIT: m/m | REV: A |
|-------------------|------------|-----------|--------|