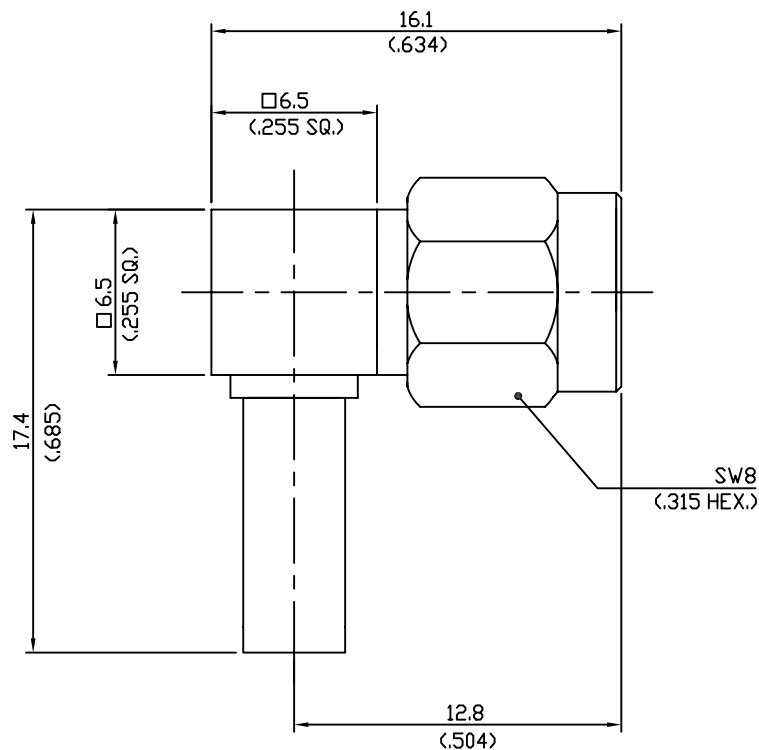



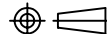
| REVISIONS |             |          |      |
|-----------|-------------|----------|------|
| NO        | DESCRIPTION | APPROVED | DATE |
|           |             |          |      |



Impedance.....50Ω  
Frequency range.....DC ~ 18GHz  
V.S.W.R.....N/A  
Dielectric withstanding  
- Voltage(at sea level).....1000Vrms.50Hz  
- Working voltage(at sea level)..... ≤325Vrms.50Hz  
Insulation resistance..... ≥5.10<sup>3</sup> MΩ  
Center contact resistance..... ≤3MΩ  
Out contact resistance..... ≥2MΩ  
Temperature range.....-65°C ~ +165°C  
Temperature shock.....MIL-STD202,Method107,ConditionB  
Moisture resistance.....MIL-STD202,Method106  
Corrosion.....Saltspray Test acc.to MIL-STD-202, Method101,ConditionB  
Vibration.....MIL-STD202,Method204,ConditionD  
Shock.....MIL-STD202,Method203,ConditionI  
Couling nut torque  
- Recommended torque....1.0Nm/8.9in.-lbs  
- Couling prddf torque.....1.7Nm/15.0in.-lbs  
Coupling retention force..... ≤270N/60.7lbs.  
Contact captivation..... ≥27N/6.1lbs.  
Durability(Matings)..... ≥500

| Connector parts | Material | Plating |
|-----------------|----------|---------|
| Bodys           | Brass    | Gold    |
| Cente contact   | Brass    | Gold    |
| Insulator       | PTFE     | White   |
| Ferrule         | Brass    | Gold    |

TOL.UNLESS NOTED  
X = ±0.1  
X.X = ±0.05  
X.XX = ±0.01

|              |         |  |
|--------------|---------|--|
| DATE         |         |  <a href="http://www.rfacsolutions.com">www.rfacsolutions.com</a> |
| DRAWN BY     |         |  |
| DESINGNED BY |         | TITLE SMA RIGHT ANGLE PLUG<br>RG-316D/S  |
| CHECKED BY   |         | DRAWING NO R330-031-000  |
| APPD.BY      |         | SHEET 1 OF 1   |
| SCALE 1 : 1  | UNIT mm |   |