

## Product Features

P1dB's P1CO-SAFRA-PCB-775 is a 50 Ohm RF connector. This SMA female connector is a printed circuit board mount, right angle, with a .050 inch diameter pin. Overall length is 0.775 inch and height is 0.566 inch. PCB mounting pattern is 0.200 inch square. The SMA body is gold plated brass material.



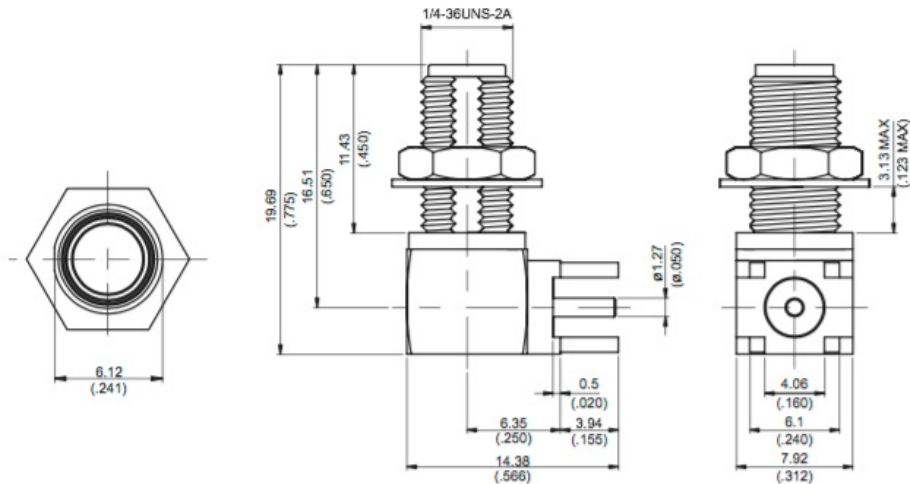
## Electrical Specification: T<sub>Ambient</sub> = 25° C

| Parameter | Frequency Range | Units | Min | Typical | Max | Notes |
|-----------|-----------------|-------|-----|---------|-----|-------|
| Impedance |                 |       |     | 50.0    |     |       |

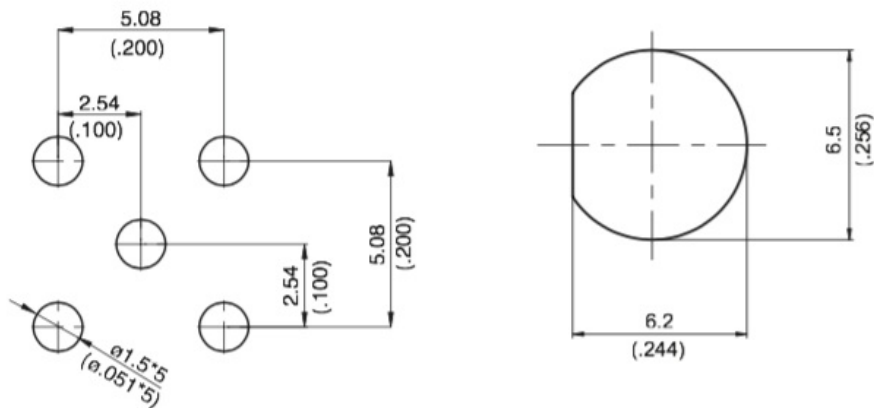
## Mechanical And Environmental Specifications:

| Parameter       | Description | Notes |
|-----------------|-------------|-------|
| RoHS Compliance | Yes         |       |

## Drawing



## MOUNTING HOLE



Graph

| Parts       | Material         | Plating (Micro-inch)                  |
|-------------|------------------|---------------------------------------|
| Hex Nut     | Brass            | Gold 5 Over Nickel 50 Over Copper 50  |
| Washer      | Brass            | Gold 5 Over Nickel 50 Over Copper 50  |
| Cover       | Brass            | Gold 5 Over Nickel 50 Over Copper 50  |
| Contact Pin | Beryllium Copper | Gold 20 Over Nickel 50 Over Copper 50 |
| Insulator   | Teflon           |                                       |
| Body        | Brass            | Gold 5 Over Nickel 50 Over Copper 50  |

#### Product Notes