

# FCPF-MRB-B60-1

## SMP Connector, DC~18GHz

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Radar  
\* Instruments  
\* Electronics

### Electrical

|                                |             |
|--------------------------------|-------------|
| Frequency:                     | DC~18GHz    |
| VSWR:                          | 1.35 max.   |
| Insertion Loss:                | 0.2dB max.  |
| Impedance of Dielectric:       | 5000MΩ min. |
| Impedance of Center Conductor: | 6mΩ max.    |
| Impedance of Outer Conductor:  | 2.5mΩ max.  |
| Voltage Withstand:             | 500V DC     |
| Impedance:                     | 50Ω         |

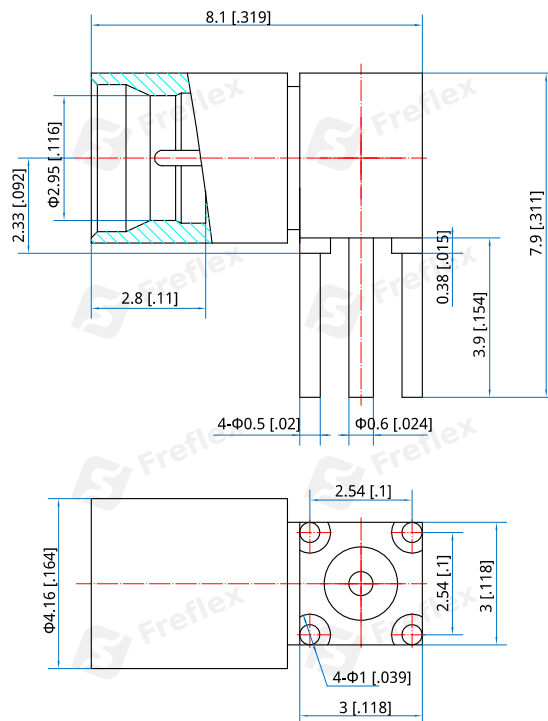
### Mechanical

|                    |                       |
|--------------------|-----------------------|
| RF Connector:      | SMP male right angle  |
| Mating Life Cycle: | 500 Cycles min.       |
| Detent Mode:       | Full detent           |
| Outer Conductor:   | Brass                 |
| Dielectric:        | PTFE                  |
| Inner Conductor:   | Tin phosphorus copper |

### Environmental

|              |           |
|--------------|-----------|
| Temperature: | -55~+85°C |
|--------------|-----------|

### Outline Drawings



Unit: mm [in]

Tolerance:  $\pm 0.2\text{mm}$  [ $\pm 0.008\text{in}$ ]

### How To Order

**FCPF-MRB-B60-1**

Customization is available upon request.