

# Coaxial Fixed Attenuator

**RFHB04XXZC2**

**DC-4 GHz, 1-60 dB, 2 Watts, 2.2-5, Bidirectional**



Rev 1

## Electrical

|                 |  |      |       |       |       |
|-----------------|--|------|-------|-------|-------|
| Impedance       | 50 ohm   |      |       |       |       |
| Frequency Range | DC-4 GHz   |      |       |       |       |
| VSWR            | 1.15 max   |      |       |       |       |
| Input Avg Power | 2W@ 25°C ambient, derating linearly to 0.2W at 100°C                       |      |       |       |       |
| Peak Power      | 250W (5 micro-sec pulse width, 0.4% duty cycle)                            |      |       |       |       |
| Direction       | Bidirectional, 2.2-5 female to 2.2-5 male (other configurations available) |      |       |       |       |
| Attenuation(dB) | 1-6  | 7-10 | 11-20 | 21-30 | 40-60 |
| Accuracy(dB)    | ±0.4   | ±0.4 | ±0.5  | ±0.6  | ±0.8  |

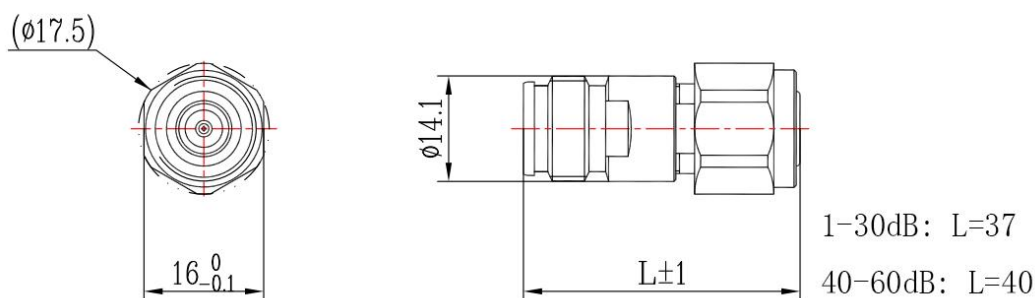
## Mechanical

|                |                                    |
|----------------|------------------------------------|
| Connector Body | Ternary alloy plated brass         |
| Heat Sink      | N/A                                |
| Center Contact | Gold plated beryllium copper/brass |
| Net Weight     | About 35 g                         |

## Environmental

|                         |                  |
|-------------------------|------------------|
| Operating Temperature   | -55°C to 100°C   |
| Storage Temperature     | -55°C to 125°C   |
| RoHS                    | Compliant        |
| Temperature Coefficient | <0.0004 dB/dB/°C |

## Dimensions(mm)



## Notes

1.Customized dB values, outlines and optimal accuracy/VSWR available.

## Model Description

**RFHB04XXZC2**

1.XX for dB value: 06=6dB,30=30dB

2.Code for connector configuration:

A=female for two ends; B=male for two ends

C=female for one end and male for the other.