

**Withwave's attenuators** are designed with stainless steel 2.92 mm structure for excellent RF performance up to 40 GHz and 1 Watt.

This 2.92 mm attenuator has a 2.92 mm male gender on side 1 and 2.92 mm female connector on side 2. We have various attenuation values from 1,2,3,10,20,30 dB.



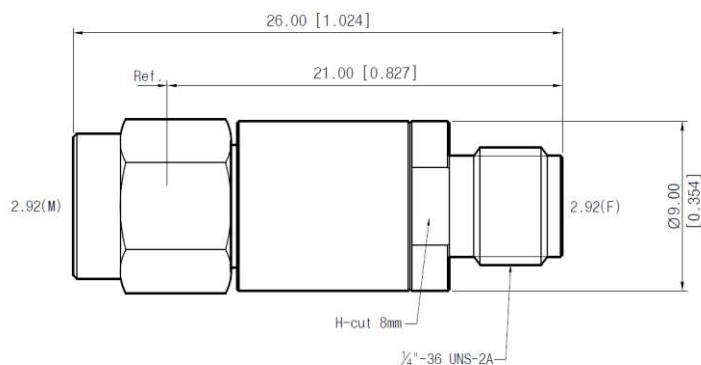
### ■ Specification

| Scope      | Specification        | AT03-01-XX (XX : dB)                                     |
|------------|----------------------|--|
| Electrical | Impedance            | 50 Ohm   |
|            | Freq. range          | DC to 40 GHz   |
|            | Attenuation Range    | 1,2,3,10,20,30 dB  |
|            | Attenuation Accuracy | ±1.0 dB(1,2 dB)<br>±1.2 dB(3 dB)<br>±1.5 dB(10,20,30 dB) |
|            | VSWR (Max)           | 1.35 @ 40 GHz (1,2,3 dB)<br>1.40 @ 40 GHz (10,20,30 dB)  |
| Mechanical | Power Rating         | 1 W  |
|            | Temperature Range    | -20 ~ +70 degrees  |
| Material   | Body                 | Stainless Steel (Passivated)                             |
|            | Center Contact       | Beryllium Copper with gold plated                        |

\* ROHS Compliant

### ■ Drawing

Unit : mm[inch]



## ■ Ordering Information

# AT03-01-XX



**XX : Attenuation value (1,2,3,10,20,30)**

**Ex) 1 dB : AT03-01-01, 10 dB : AT03-01-10**

## ■ Test Result

**Freq:** 10 MHz to 40 GHz

**Part No:** AT03-01-10 (10 dB Attenuator)

