

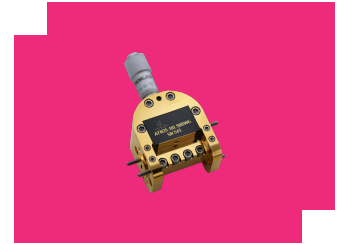
ATN35-10LS00WG

WR-10 Level Set Attenuator

DEVICE OVERVIEW

General Description

WR-10 Level Set Attenuator, operating from 75-110 GHz, is built with high precision and then gold plated for high corrosion resistance. They have great VSWR and accurate attenuation.



Features

- 0-35 dB of attenuation
- Low Return Loss, 1.2:1 typical
- A = 1.20 inches
- UG-387 flange

Applications

- 5G
- Frequency Extenders
- Communication Systems

Functional Block Diagram

N/A

Part Ordering Options

| Part Number | Description | Package | Green Status | Product Lifecycle | Export Classification |
|----------------|----------------------------|---------|---------------|-------------------|-----------------------|
| ATN35-10LS00WG | WR-10 Level Set Attenuator | WR-10 | REACH RoHS | Released | EAR99 |

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Revision History

| Revision Code | Revision Date | Comment |
|---------------|---------------|-----------------|
| - | 2024-05-01 | Initial Release |

Port Configuration and Functions

Port Functions

| Port | Function | Connector Type | Description | Equivalent Circuit for Package |
|--------|-------------------|----------------|------------------|--------------------------------|
| Port 1 | RF Input / Output | - | RF input/output. | - |
| Port 2 | RF Input / Output | - | RF input/output. | - |

Specifications

Package Information

| Parameter | Details | Rating |
|------------|---------|---------------|
| Dimensions | - | 1.2 x 2.18 in |

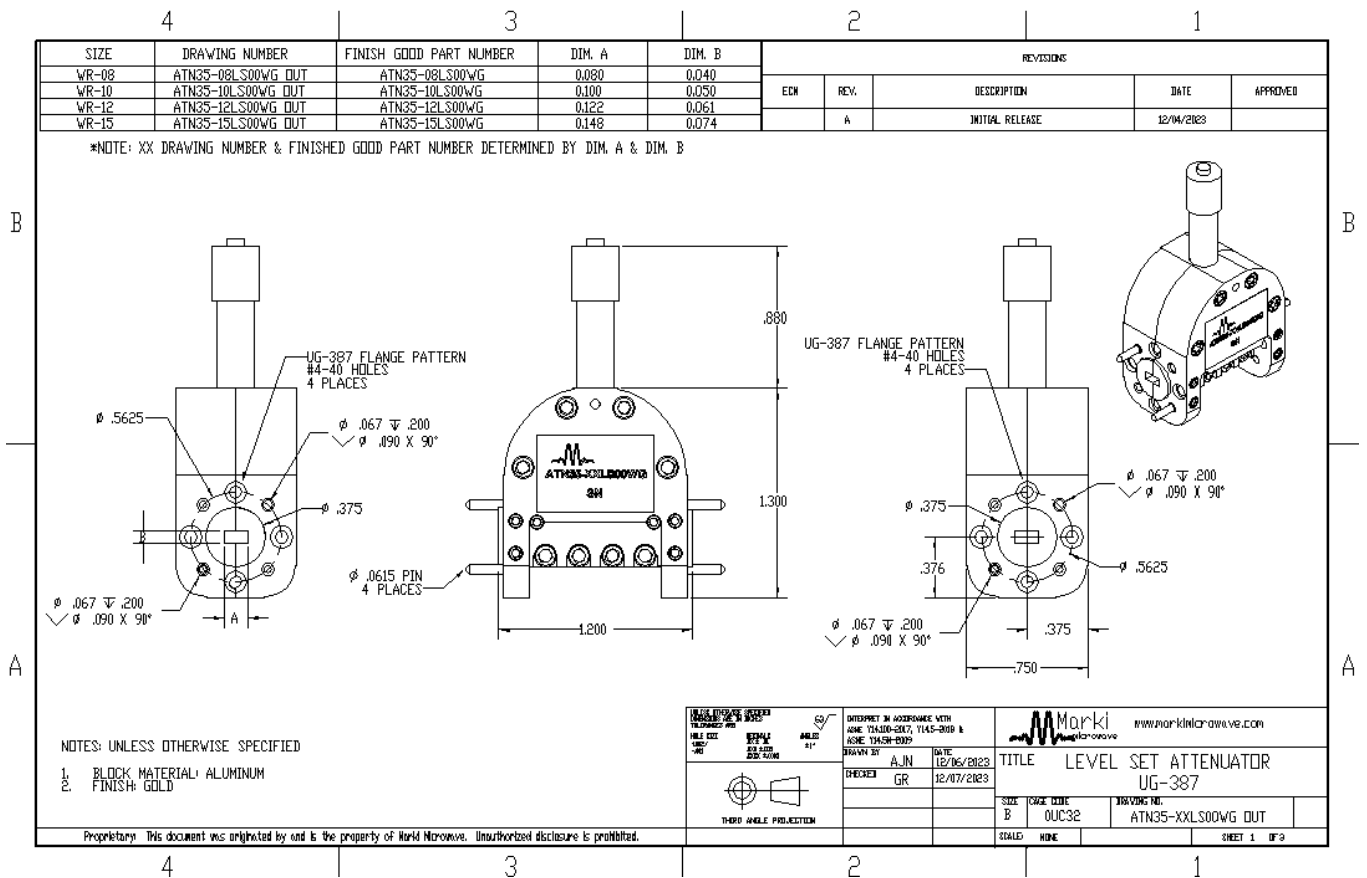
Electrical Specifications

| Parameter | Test Conditions | Minimum Frequency (GHz) | Maximum Frequency (GHz) | Min | Typ | Max | Unit |
|-------------|-----------------|-------------------------|-------------------------|-----|-----|-----|------|
| Attenuation | - | 75 | 110 | 0 | - | 35 | dB |
| Return Loss | - | 75 | 110 | - | 21 | - | dB |

Mechanical Data

Outline Drawing

Download : [Outline 2D Drawing](#) | [Outline 3D STP](#)



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