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WR-28 Waveguide Continuously Variable Attenuator, 0 to 30 dB, from 26.5 GHz to 40 GHz, UG-599/U Square Cover Flange, Dial

TECHNICAL DATA SHEET PE-W28AT001-30

Pasternack's Continuously Variable Waveguide Attenuators are offered for the frequency range of 18 to 110 GHz in different waveguide bands. The attenuation value of the Continuously Variable attenuators are from 0 to 30 dB with full waveguide operational bandwidth. The Continuously Variable attenuators are equipped with a micrometer, which enables rapid re-setting. With calibrated charts, attenuators can be used as direct reading attenuator for bench top test set use. The level setting attenuators are typically used in the test setups and prototype assemblies where certain attenuation is required.

- 30 dB Attenuation Level
- Rotary Dial for Continuous Adjustments
- Frequency Range: 26.5 GHz to 40 GHz
- Typical VSWR 1.15:1
- Max Power Rating: 5 Watts (CW)

Configuration

Design	Continuously Variable Attenuator
Waveguide	WR-28
Flange	UG-599/U
Body Material and Plating	Copper, Gold

Electrical Specifications Values at 25°C, sea level

Description	Minimum	Typical	Maximum	Units
Frequency Range	26.5		40	GHz
Typical Attenuation Value	0		30	dB
Insertion Loss		0.3		dB
Input Power (CW)			5	Watts
VSWR		1.15:1		

Mechanical Specifications

Description	Flange 1	Waveguide	Flange 2
Interface	UG-599/U	WR-28	UG-599/U
Material	Brass	Copper	Brass
Plating	Gold	Gold	Gold

Size

Length	2.75 in [69.85 mm]
Width	1.375 in [34.93 mm]
Height	2.572 in [65.33 mm]
Weight	0.22 lbs [99.79 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: WR-28 Waveguide Continuously Variable Attenuator, 0 to 30 dB, from 26.5 GHz to 40 GHz, UG-599/U Square Cover Flange, Dial PE-W28AT001-30

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Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

WR-28 Waveguide Continuously Variable Attenuator, 0 to 30 dB, from 26.5 GHz to 40 GHz, UG-599/U Square Cover Flange, Dial from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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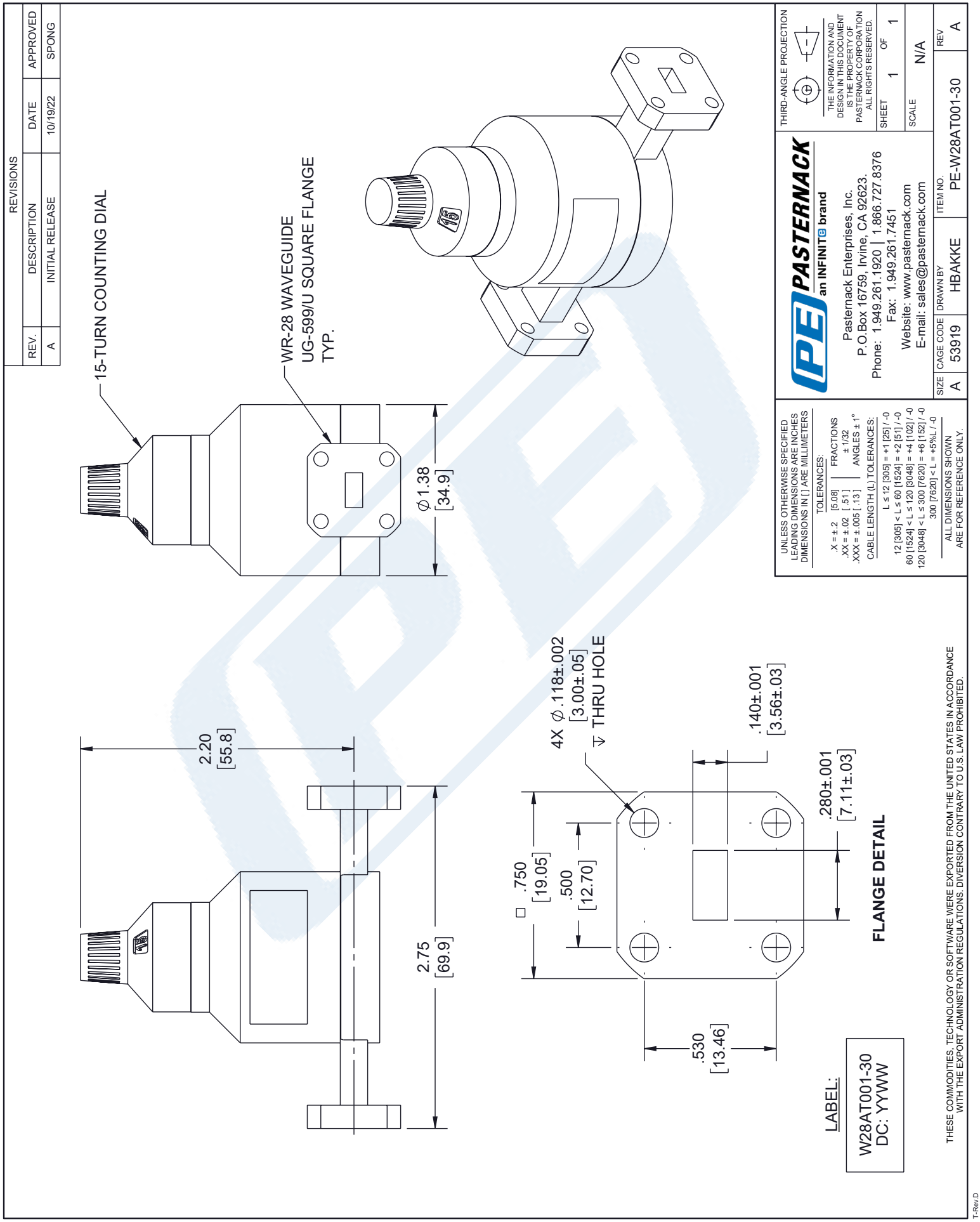
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PE-W28AT001-30 CAD Drawing

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