

## FEATURES:

- LOW INSERTION LOSS
- HIGH REJECTION
- LIGHT WEIGHT

## ELECTRICAL CHARACTERISTICS:

Part Number	AF28-0001	AF28-0002
Operating Frequency Range	37.000 to 39.500 GHz	37.000 to 40.000 GHz
VSWR	1.50:1 max.	
Insertion Loss	0.30 dB max.	0.50 dB max.
Rejection Frequency Range	74.000 to 79.000 GHz	74.000 to 80.000 GHz
Rejection	40 dB min.	30 dB min.
Operating Temperature Range	-45°C to +70°C	

Specifications are subject to change for continuous improvement.

## MECHANICAL CHARACTERISTICS:

- a) Dimensions are in inches (millimeters)
- b) Interface: WR28/UG-599/U Flange
- c) Finish: Chemical Conversion  
Coating per MIL-C-5541 Class 1A
- d) Approx. weight: 15 grams
- e) Material: Alum. 6061T6

Part No.	Dimension "L"
AF28-0001	0.90 (22.86)
AF28-0002	1.10 (27.94)

