

**FEATURES:**

- LOW INSERTION LOSS
- HIGH Tx to Rx REJECTION
- LIGHT WEIGHT
- RUGGED CONSTRUCTION

**ELECTRICAL CHARACTERISTICS:**

Operating Frequency Range : 37.0 to 39.5 GHz, TR spacing 1260MHz, BW=620MHz

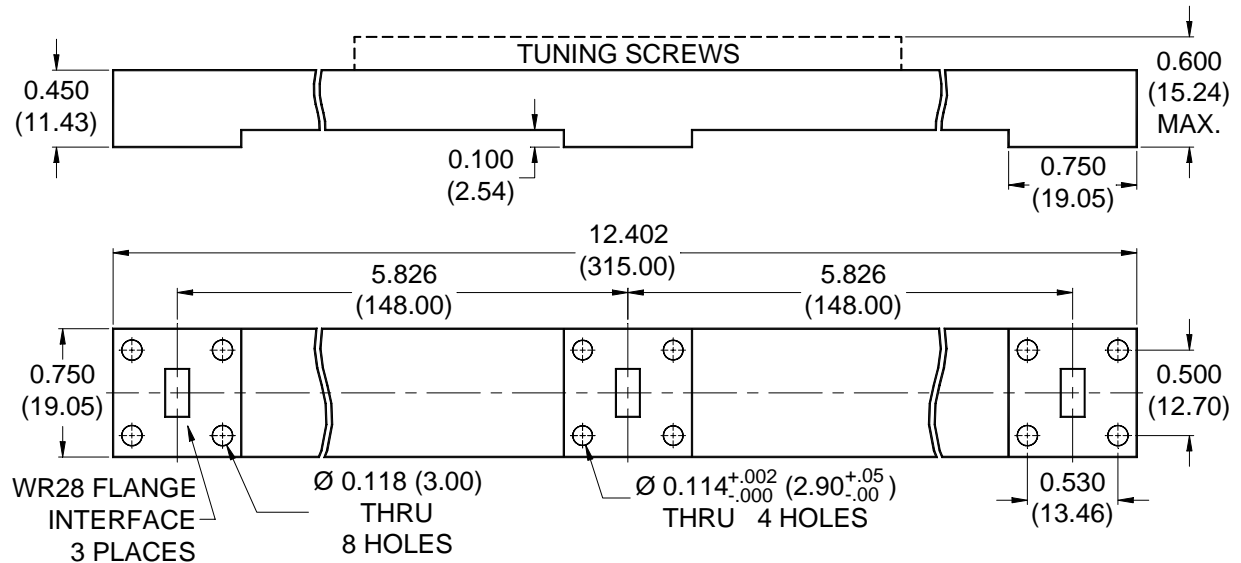
Operating Temperature Range : -35°C to +75°C

Part Number	Tx Passband GHz	Rx Passband GHz	Passband R.L. All Ports	Passband I.L.	Tx to Rx Rejection
AD28-0004-0001	37.06-37.68	38.32-38.94	17 dB min.	1.0 dB max.	60 dB min.
AD28-0004-0002	37.56-38.18	38.82-39.44	17 dB min.	1.0 dB max.	60 dB min.
Passband Flatness $\pm 0.4$ dB, $\pm 0.2$ dB in ant 100 MHz Band			Group Delay Variation Over Passband less than 3 ns		

Specifications are subject to change for continuous improvement.

**MECHANICAL CHARACTERISTICS:**

- a) Dimensions are in inches (millimeters)
- b) Interface: WR28 Flange Interface
- c) Finish: Silver Plate QQ-S-365 Type II, Grade A
- d) Material: Brass



**Note:** Other Diplexer configurations are available.