

## MZBF0102GA

### Features:

- Ultra Wide Band
- Low Insertion Loss
- High Rejection
- Small Size
- Rush Delivery
- Fast Response
- Customization Available Upon Request

### Electronic Specifications, TA = +25 ° C, 50 Ohm System

| Parameters               | Min.                      | Typ. | Max. | Units |
|--------------------------|---------------------------|------|------|-------|
| Frequency Range          | 1                         |      | 2    | GHz   |
| Insertion Loss           |                           |      | 1.2  | dB    |
| Pass Band Ripple         |                           |      | 1.2  | dB    |
| VSWR                     |                           |      | 1.8  |       |
| Rejection                | ≥50dB @DC-0.8GHz&2.3-4GHz |      |      | dB    |
| Power Rating             |                           |      | 30   | W     |
| Operating Temperature    | -45                       |      | +85  | °C    |
| Impedance                | 50                        |      |      | Ohms  |
| Weight                   | /                         |      |      | g     |
| Input / Output Connector | SMA-FEMALE                |      |      |       |
| Material                 | Aluminum                  |      |      |       |
| Finishing                | Black Paint               |      |      |       |

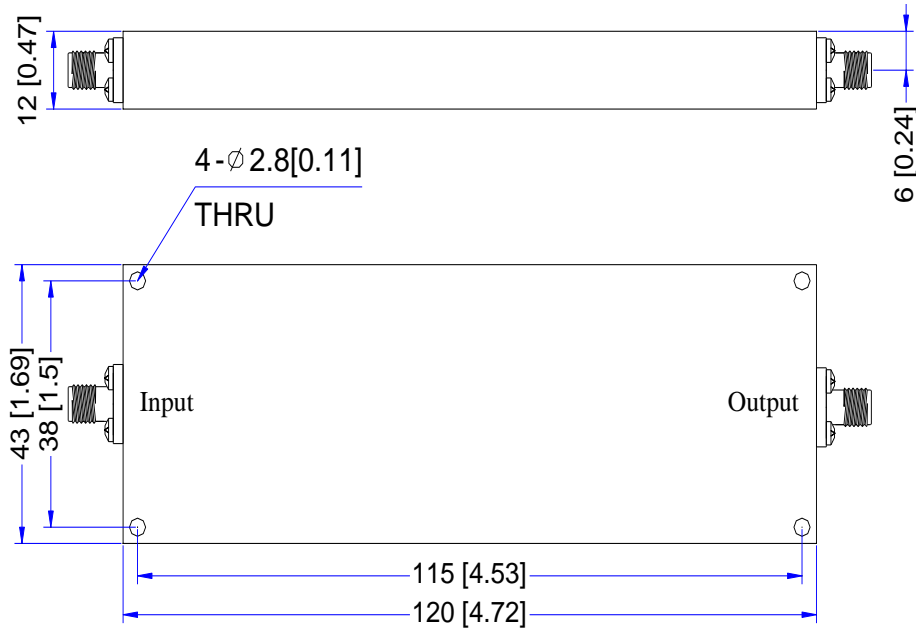
### Environmental Conditions:

|                         |              |           |   |
|-------------------------|--------------|-----------|---|
| Operational Temperature | -45°C~+85°C  | Vibration | 25g rms (15 degree 2KHz) endurance, 1 hour per axis |
| Storage Temperature     | -55°C~+125°C | Shock     | 20G for 11msc half sin wave,3 axis both directions  |
| Executive Standard      | GJB9001      | Humidity  | 100% RH at 35c, 95%RH at 40 °C                      |

## Outline Drawing:

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All Dimensions in mm ( inches ) Tolerance  $\pm 0.25$  ( 0.01 )



#### COMPANY STATEMENT:

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