

# 0.25-0.5GHz Digital Phase Shift

P/N: MZDPH00250050GA



## Description:

The phase shift is a broadband digital Phase shift with a typical Loss insertion of 6 dB and a high Phase shift range of 360° across the frequency range of 0.25 to 0.5 GHz. The Phase shift step 10° with 8bit control. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

## Electrical Specifications ( +25°C ) :

| Parameter              | Min. | Typ.                     | Max.                        | Units |
|------------------------|------|--------------------------|-----------------------------|-------|
| Frequency Range        |      | 0.25-0.5                 |                             | GHz   |
| Insertion Loss         |      |                          | 6                           | dB    |
| Input VSWR             |      |                          | 1.8                         | -     |
| Output VSWR            |      |                          | 1.8                         | -     |
| Phase shift Range      |      | 360                      |                             | °     |
| Phase Shift Step       |      | 10                       |                             | °     |
| Least Significant Bit  |      | 1.4                      |                             | °     |
| Number of Bits         |      | 8                        |                             | °     |
| Impedance              |      | 50                       |                             | Ω     |
| Input Output Connector |      | SMA-K/SMA-K              |                             |       |
| Material               |      | Aluminium                |                             |       |
| Weight                 |      | -                        |                             |       |
| Package Sealing        |      | Epoxy Sealing (Standard) | Hermetically Seal (Option ) |       |

## Environmental Specifications:

- ※ Operational Temperature -25°C~+85°C
- ※ Storage Temperature -55°C~+125°C



OBSERVE  
PRECAUTIONS ELECTROSTATIC  
SENSITIVE DEVICES

MICZEN THCHNOLOGIES CO.,LTD.

Phone: +86 28 65003621 | E-mail: sales@miczen.com | Web: www.miczen.com

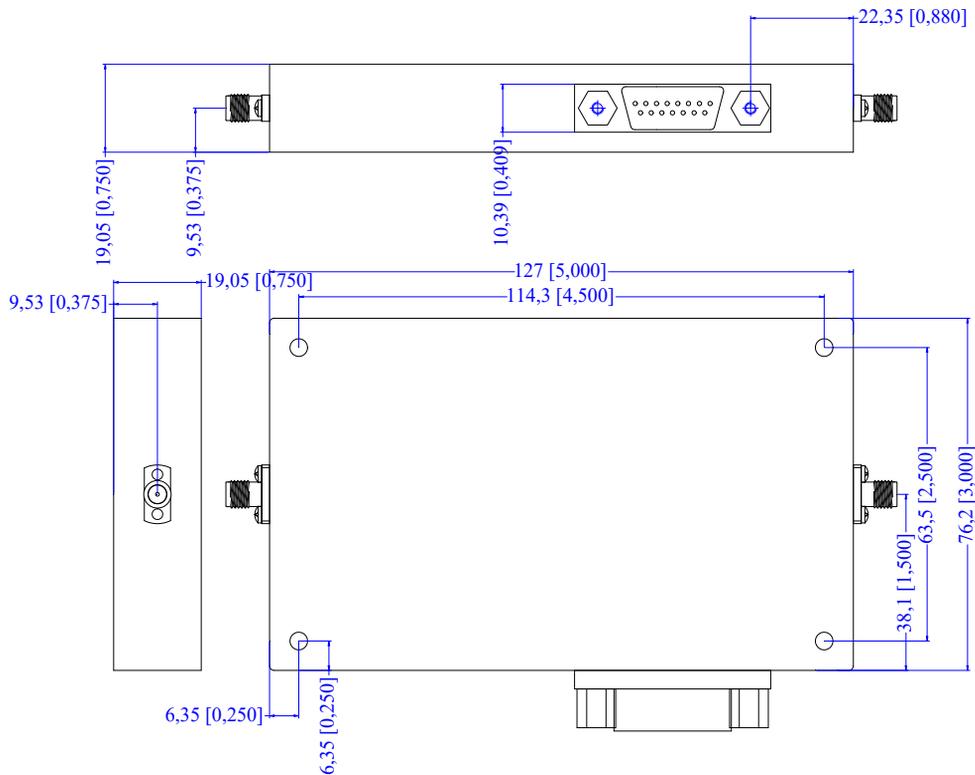
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## ■ Outline Drawing

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



### NOTE:

1. The product is designed to meet environmental ratings but not tested. If you need to test environmental condition, please contact our sales department.
2. Miczen technologies co., Ltd. reserves the right to change the above information without notice.

**MICZEN THCHNOLOGIES CO.,LTD.**

Phone: +86 28 65003621 | E-mail: sales@miczen.com | Web: www.miczen.com