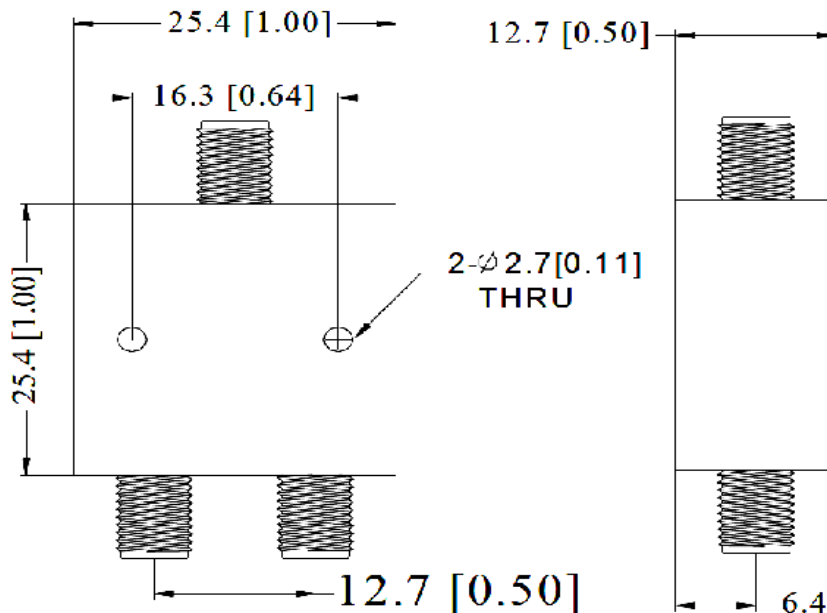


## Electrical Specifications

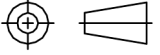

|                       |                |
|-----------------------|----------------|
| Frequency Range       | 8.0 – 18.0GHz  |
| Insertion Loss        | ≤0.6dB         |
| Isolation             | ≥18dB          |
| Input VSWR            | ≤1.50          |
| Output VSWR           | ≤1.40          |
| Amplitude Balance     | ≤±0.3dB        |
| Phase Balance         | ≤±5°           |
| Power Handling        | 10W            |
| Impedance             | 50 Ohm         |
| RF Connectors         | SMA-Female     |
| Operating Temperature | -40°C ~ + 70°C |
| Storage Temperature   | -55°C ~ + 85°C |

## Mechanical Specification (for reference)



## Notes:

- 1- Any changes for interface dimensions are strictly prohibited.
- 2- The Material and plating are in various options per customer's request.
- 3- A complete information for connectors is available upon request.

|   |  |       |      |                                   |   |
|---|--|-------|------|-----------------------------------|---|
| Tolerances<br>.X ±0.2<br>.XX ±0.1<br>.XXX ±0.05 | Scale  | Abbr. | Rev. | <b>Part Number: IPD-0818-SMAF</b> |  |
|   | NTS  | ST    | B    |                                   |   |
| PAGE<br><b>1 of 1</b>                           | All Dimensions in mm<br>(Unless Otherwise Specified) |       |      | Date<br>2021/08/09                |  |