



**Features**

- Gain: 36dB Typ.
- P1dB: 28dBm Typ.
- Customization Available

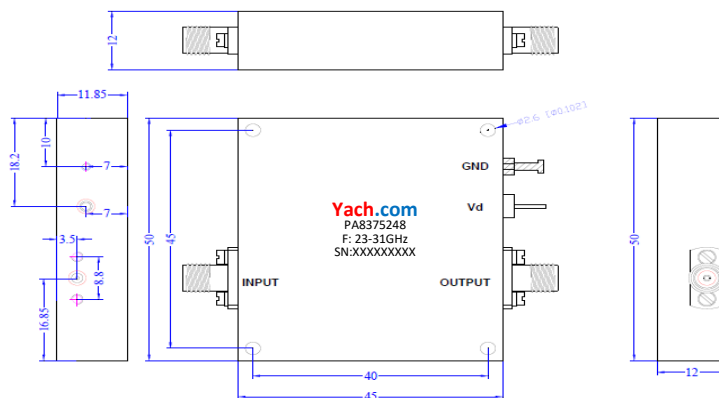
**Applications**

- Communication Systems
- Receivers Systems
- Radar Systems

| Parameter                                | Min. | Typ.                    | Max. | Unit |
|--|------|-------------------------|------|------|
| Frequency                                | 23   |                         | 31   | GHz  |
| Gain                                     |      | 36                      |      | dB   |
| Gain Flatness                            |      | ± 2                     |      | dB   |
| Input Output VSWR                        |      | 2.0                     |      | /    |
| Output Power for 1 dB Compression (P1dB) |      | 28                      |      | dBm  |
| Saturated Output Power (Psat)            |      | 29                      |      | dBm  |
| Spurious                                 |      | -60                     |      | dBc  |
| Input Max Power(no damage)               |      |                         | 5    | dBm  |
| DC Current (Vcc=+6~15V)                  |      | 0.5                     | 1    | A    |
| Impedance                                |      | 50 Ω                    |      |      |
| Input Output Connector                   |      | 2.92mm Female           |      |      |
| Material /Finishing                      |      | Aluminium/Gold Painting |      |      |
| Weight                                   |      | 200 g                   |      |      |
| Operational Temperature                  |      | -45°C~+85°C             |      |      |
| Storage Temperature                      |      | -55°C~+125°C            |      |      |

Yach reserves the right to change this datasheet without notice!

Outline Drawing: All Dimensions in mm. Tolerance ±0.25



Heat Sink required during operation