

## Power Amplifier

**Gwave**

1.6-1.8GHz PA , 40dB Gain , SMA-K

**GPA016018-40-42**

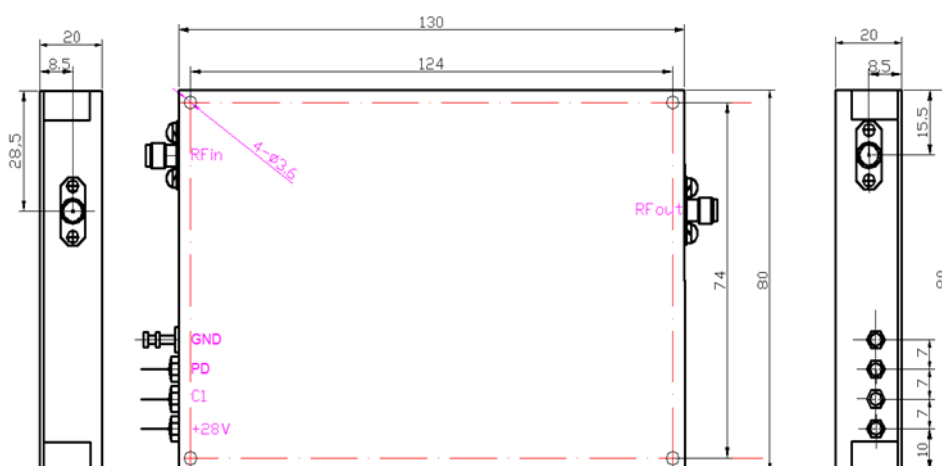
### Electrical Specifications

|                                       |           |
|---------------------------------------|-----------|
| Frequency Range( GHz )                | 1.6 ~ 1.8 |
| Gain(dB)                              | 40        |
| Gain Flatness (dB)                    | ±0.25     |
| Output at 1dB Compression Point (dBm) | 42        |
| ACLR@Po:33dBm                         | 40(38min) |
| Input VSWR                            | 1.50      |
| Output VSWR                           | 1.50      |
| Operating DC Voltage(volts)           | +28       |
| Operating DC Current(A)               | 2         |

### Absolute Maximum Ratings

|                           |           |
|---------------------------|-----------|
| Source Voltage(volts)     | +28       |
| RF input Power (dBm)      | 10        |
| Operating Temperature(.c) | -40 ~ +70 |
| Storage Temperature(.c)   | -40~ +65  |

### Outline Drawing



### Notes