



## LNA3005

### Coax Low Noise Amplifier

#### FEATURES:

- ECCN Number: EAR99

#### ELECTRICAL SPECIFICATIONS

| Parameter                        | Specification        | Notes |
|----------------------------------|----------------------|-------|
| Operating Frequency Range        | 8.0 - 10.0 GHz       |       |
| Linear Gain                      | 25 dB Min            |       |
| Gain Flatness                    | 1 dB p-p Max         |       |
| Output Power                     | 0 dBm Typ            |       |
| Noise Figure                     | 1.0 dB Max           |       |
| Operating Voltage / Bias Current | +9 VDC / 0.2 Amp Nom |       |
| Maximum Input Power              | +3 dBm Max           |       |

#### MECHANICAL SPECIFICATIONS

| Parameter                     | Specification     | Notes |
|-------------------------------|-------------------|-------|
| Dimensions (L x W x H)        | 50 x 50 x 12.7 mm |       |
| Temperature Range (Operating) | -20°C to +60 °C   |       |
| Temperature Range (Storage)   | -45°C to +85 °C   |       |
| Connectors Input / Output     | SMA Female        |       |