

# **LNAW10SN**

# **Single-Band Wide-Band LNA**

Band: 1000 - 6000 MHz Input Connector: SMA Input Connector: N - 50 Ohm



#### **KEY SPECIFICATIONS**

| Band             | Wide-Band |
|------------------|-----------|
| Noise Figure     | 1.8 dB    |
| Required Current | 250 mA    |

# **RF SPECIFICATIONS**

| Conversion Gain | 40 - 45 dB                 |
|-----------------|----------------------------|
| Gain Flatness   | 5 dВ р-р                   |
| Input Frequency | Wide-Band: 1000 - 6000 MHz |
| Input V S W R   | 2.5 : 1                    |
| Output P1D B    | + 10 dBm                   |
| Output V S W R  | 2.5 : 1                    |

#### **ELECTRICAL SPECIFICATIONS**

| Power Connector | Pin through connector |
|-----------------|-----------------------|
| Power Supply    | 12-24 VDC             |
|                 |                       |

#### **INTERFACE SPECIFICATIONS**

| R F Input Connector  | SMA        |
|----------------------|------------|
| R F Output Connector | N - 50 Ohm |

# **ENVIRONMENTAL SPECIFICATIONS**

| Temperature Operational | -40 to +60°C |
|-------------------------|--------------|
| Weight                  | 250 g        |



#### **PHYSICAL SPECIFICATIONS**

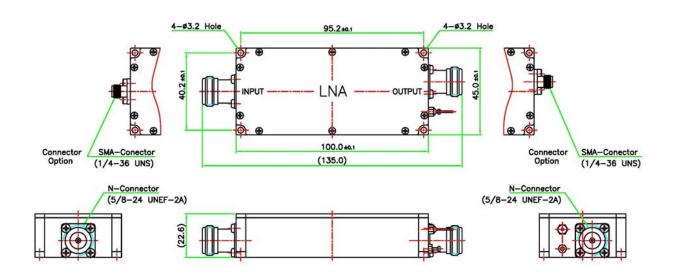
Dimensions ( Lx Wx H)

22.6 x 45.0 x 100.0 mm

# LOGISTICS SPECIFICATIONS

| HS Code    | Country of Origin | ECCN Number | Shipping Package          |
|------------|-------------------|-------------|---------------------------|
| 8517690000 | Made in Korea     | EAR99       | 190 x 115 x 75 mm   250 g |

# **MECHANICAL DIAGRAMS**





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