



LNAKA30SP

Single-Band Ka-Band LNA

Band: 19.2 - 20.2 GHz

Output Connector: SMA

Power Connector: MS3112E10-6P



KEY SPECIFICATIONS

| | |
|-------------------------|---------|
| Band | Ka-Band |
| Noise Figure | 1.5 dB |
| Required Current | 250 mA |

RF SPECIFICATIONS

| | |
|-------------------------------------|------------------------------------|
| Conversion Gain | 50 dB min., 55 dB typ., 60 dB max. |
| Gain Flatness | 4 dB p-p |
| Gain Ripple (At Per 36 M Hz) | 1 dB p-p |
| Input Frequency | Ka-Band: 19.2 - 20.2 GHz |
| Input V S W R | 2.2 : 1 |
| Output P1D B | + 5 dBm |
| Output V S W R | 2.2 : 1 |

ELECTRICAL SPECIFICATIONS

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|------------------------|--------------|
| Power Connector | MS3112E10-6P |
| Power Supply | 12-24 VDC |

INTERFACE SPECIFICATIONS

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|-----------------------------|-------|
| Input W/ G Flange | WR 42 |
| R F Output Connector | SMA |





ENVIRONMENTAL SPECIFICATIONS

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|-------------------------|--------------|
| Temperature Operational | -40 to +60°C |
| Waterproofing | IP 67 |
| Weight | 450 g |

PHYSICAL SPECIFICATIONS

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|-----------------------|------------------------|
| Dimensions (Lx Wx H) | 60.0 x 45.0 x 103.6 mm |
|-----------------------|------------------------|

LOGISTICS SPECIFICATIONS

| HS Code | Country of Origin | ECCN Number | Shipping Package |
|------------|-------------------|-------------|--------------------------|
| 8517690000 | Made in Korea | EAR99 | 145 x 95 x 65 mm 475 g |

MECHANICAL DIAGRAMS

