

QSLA-15000-18000-50-120

Ku-Band, 15~18GHz, 50dB, 120K

Features:

- * Broad Band
- * Low Noise Temperature
- * Low Input VSWR

Applications:

- * Fixed Station
- * Mobile Station
- * Laboratory Test

Electrical

Frequency:	15~18GHz
Gain:	50dB min.
Output Power (Psat):	+13.5dBm typ.
Output Power (P1dB):	+13dBm typ.
Noise Figure:	1.5dB max.
Noise Temperature:	120K
VSWR:	1.8 typ.
Voltage:	+5V DC typ.
Current:	220mA typ.
Impedance:	50Ω

Absolute Maximum Ratings*1

RF Input Power: +5dBm typ.

[1] Permanent damage may occur if any of these limits are exceeded.

Mechanical

Size*2: 33.3*33.3*60mm

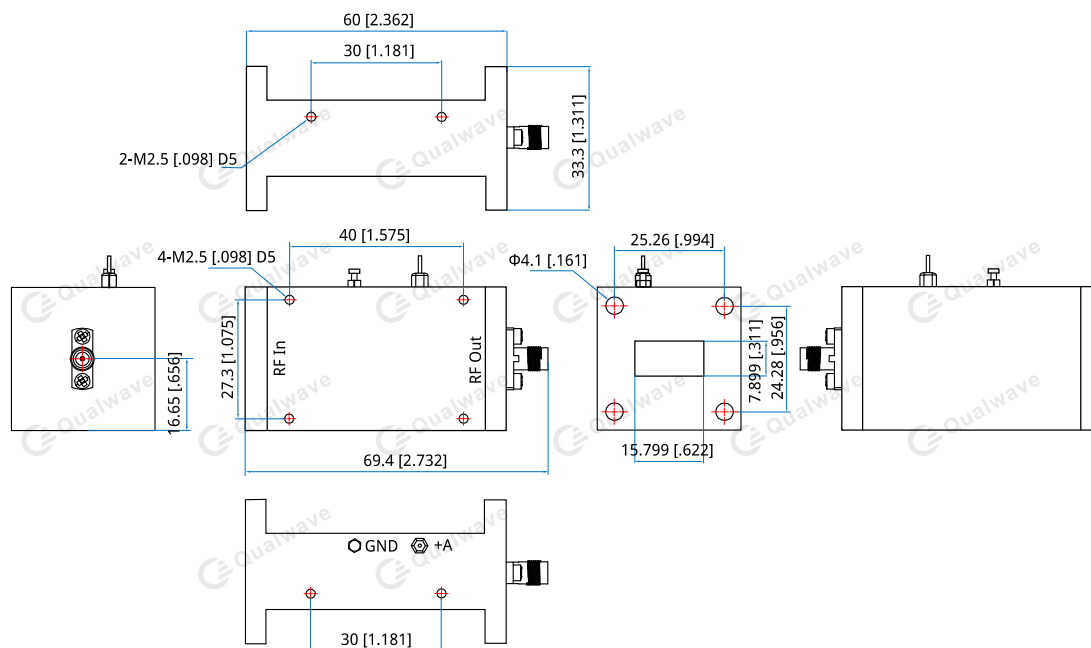
1.311*1.311*2.362in

RF In Connectors: WR-62 (BJ140)

RF Out Connectors: SMA Female

[2] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QSLA-15000-18000-50-120-X

X: Output connector type

Connector naming rules:

S - SMA female

Examples:

To order a Satcom Low Noise Amplifier, 15~18GHz, 50dB, 120K, SMA female, specify QSLA-15000-18000-50-120-S.

Customization is available upon request.