

QLA-25300-27200-50-18

25.3~27.2GHz, 50dB, 1.8dB

Features:
 * Broad Band
 * Low Noise

Applications:
 * Wireless
 * Receiver
 * Laboratory Test
 * Radar

Electrical

Frequency:	25.3~27.2GHz
Gain:	49~51dB
Gain Flatness:	±1dB typ.
Gain Stability:	±0.5dB/24h max.
Phase Stability:	±0.5°/24h max.
Phase Stability:	±20°@0~+55°C max.
Phase Matching:	±20°@23°C max.
Output Power (P1dB):	5dBm min.
IP3:	+15dBm min.
Noise Figure:	1.8dB@23°C max. 2.1dB@55°C max.
Input VSWR:	1.7 max.
Output VSWR:	1.5 max.
Isolation:	40dB min.
Voltage:	+12V DC
Current:	400mA typ.

Mechanical

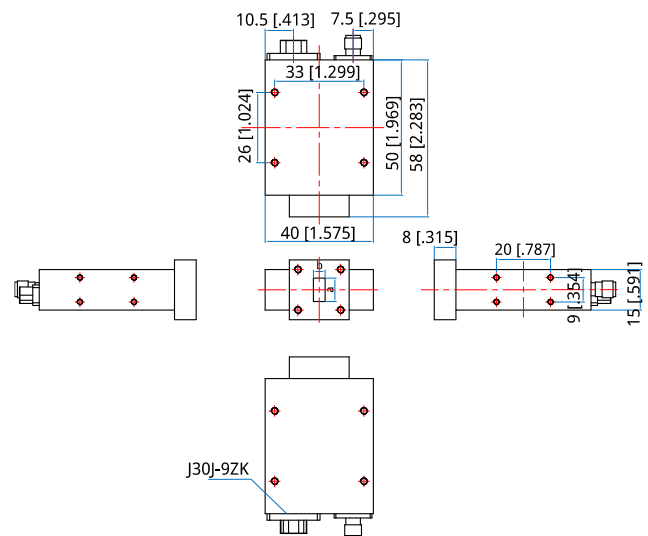
Size*1:	58*40*22.1mm 2.283*1.575*0.87in
RF Input Interface:	WR-34
RF Output Connector:	2.92mm female
Power Supply Connectors:	J30J-9ZK
Housing Material:	Aluminum
Cooling:	External Heatsink (supplied on request only)

[1] Exclude connectors.

Environmental

Operating Temperature:	-0~+55°C
Non-operating Temperature:	-20~+85°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±0.2mm [±0.008in]

Pin Numbering

Pin	Function	Pin	Function
1~1	+12V	5	EN
3~4	GND	6~9	NC

How To Order

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Customization is available upon request.