

# QPAS-39000-48000-40-42S

39~48GHz, 40dB, 42dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test

## Electrical

Frequency:	39~48GHz
Gain:	40dB typ.
Gain Flatness:	+9dB typ.
Output Power (Psat):	42dBm typ.
Spurious:	-55dBc max.
Input VSWR:	2 typ.
Voltage:	+20V DC max.
Current:	16A max.
Impedance:	50Ω

## Connector Wiring Definition

J30J-25ZKP			
Pin	Define	Function	Notes
1	TTL	RF Enable	RF on: 3.3V ~ 5 V
2	TTL-GND	Enabling	
3	TEMP	temperature	
		detection	
4	TEMP-GND	Temperature	
		detection location	
5	Idet	Current detection	
6	Idet-GND	Flow detection	
		location	
7~15	+18V	VDC	
16~24	+18V-GND	GND	
25	NC		

## Mechanical

RF In Connectors:	2.4mm Female
RF Out Connectors:	BJ400
Power Supply Interface:	J30J-25ZKP

[1] Exclude connectors.

## Environmental

Operating Temperature:	-40~+50°C
Non-operating Temperature:	-50~+60°C

## Outline Drawings

To be done.

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

## How To Order

[QPAS-39000-48000-40-42S](#)

Customization is available upon request.