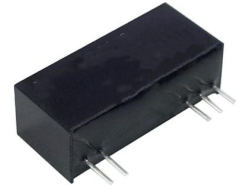


Typical Performance

**FEATURES**

- SIP package
- Efficiency :up to 87%
- Working temperature -40℃~+85℃
- MTBF≥3500Hrs
- Industry standard pinout
- No heat sink required
- No external component required
- In line with RoHS codes
- Line regulation (Full voltage input range): ±1.1 (typ),±1.5%(max)
- Load regulation (10%-100% load) 8%(typ),15%(max)
- Ripple and noise (20MHz Band width) <75mVp-p
- Switching Frequency(Full load,nominal input):200Khz(typ)
- Storage Temperature:-55℃~+125℃
- Max. Capacitive Load: 2200μF
- I/O isolation test voltage: 5000VAC
- Cooling:Free aire converction
- Continuous short-circuit protection



Product Program

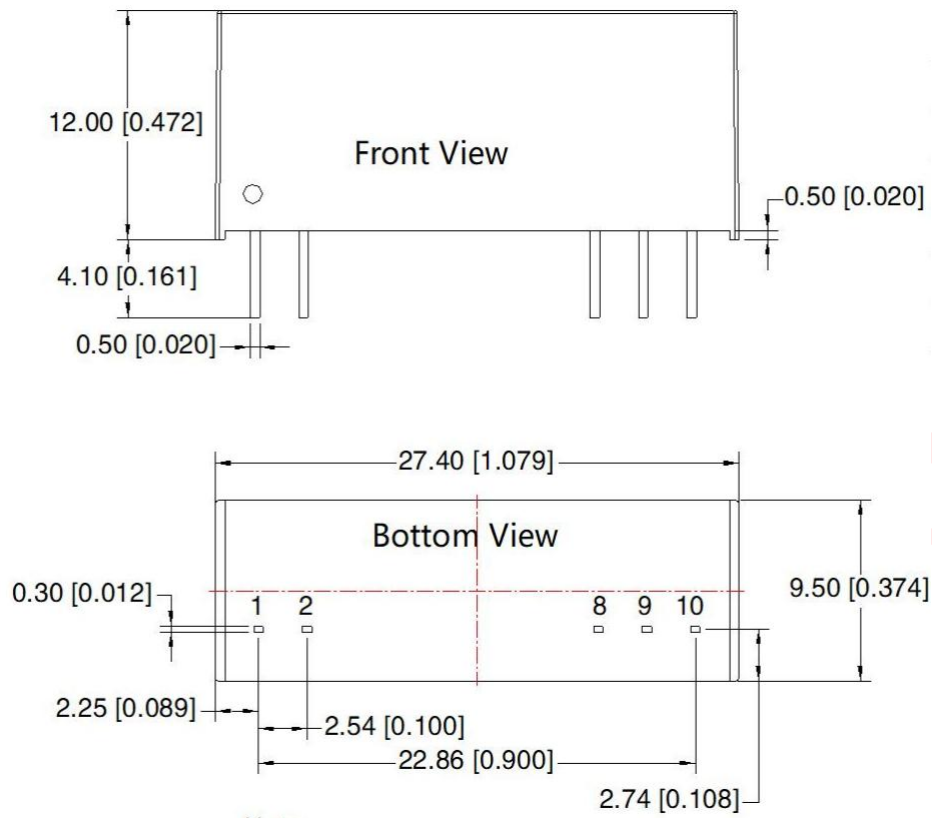
Part #	Input voltage range	Nominal output voltage / output current				Efficiency (% , typ)
		Voltage (VDC)	Current (mA)			
		+Vo1/+Vo2	+Io1/+Io2			
QA123HC-1504R3	12V (10.8-13.2V)	+15.0/-4.0	+120/-120			87
QA153HC-1504R3	15V (13.5-16.5V)					87
QA243HC-1504R3	24V (21.6-26.4V)					82
QA123HC-2005R3	12V (10.8-13.2V)	+20.0/-5.0	+90/-90			87
QA153HC-2005R3	15V (13.5-16.5V)					87
QA243HC-2005R3	24V (21.6-26.4V)					87

□ Shows the nominal value of input voltage,due to space limitations ,the above list is only for some products,If other than a list of products, please contact the Company's sales department.

Mechanical Data

Packing Code	L x W x H : mm	Packing No.
QAxxxHC-R3 Series	27.40*9.50*12.00mm	

## Mechanical Dimension



Note:

**BOTTOM VIEW**

UNIT:mm (inch)

## Pin Assignment

PINS	1	2	8	9	10					
	Vin	GND	-Vo	0V	+Vo					