



Full technical support



Research, production  
and marketing integration

Committed to providing module power supply solutions and high-end energy conversion integrated service provider

SHENZHEN WINCHEN POWER TECHNOLOGY CO.,LTD



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# PoE Product Manual

PoE Module/ PoE Splitter/PoE Electric power/ PoE Switch



Integrity | Professional | Transcend | Win-win





# COMPANY INTRODUCTION

Shenzhen Winchen Power Technology Co., LTD., is a national high-tech enterprise with electronic product design, production and sales as one, committed to providing a full range of PoE products, AC-DC, DC-DC converter supply overall solution. Core products are : PoE module, isolated power module, isolated communication module, brick power supply, bare board power supply, iron shell power supply, customized power supply, etc. Products are widely used in AP, CPE, LoRaWan, RFID, UWB, BMS, audio and video equipment, conference system, business display integrated machine, chemical equipment, industrial control, new energy, power equipment, rail transit, network communication, smart home, instrumentation, smart city, smart medical, Internet of Things terminal equipment and other industries.

The company is committed to technology research and development and innovation of independent intellectual property rights, the core staff of the team is composed of technical experts from well-known enterprises with more than ten years of work experience, and has rich skills and management experience in hardware and software design project management and quality management. We are eager to provide customers with various technical support to help customers establish a complete product application system and solutions.

**10<sup>+</sup>** years

Power supply R&D experience

**3000<sup>+</sup>**

Cumulative service enterprises

**3000** m<sup>2</sup>

R & D production base

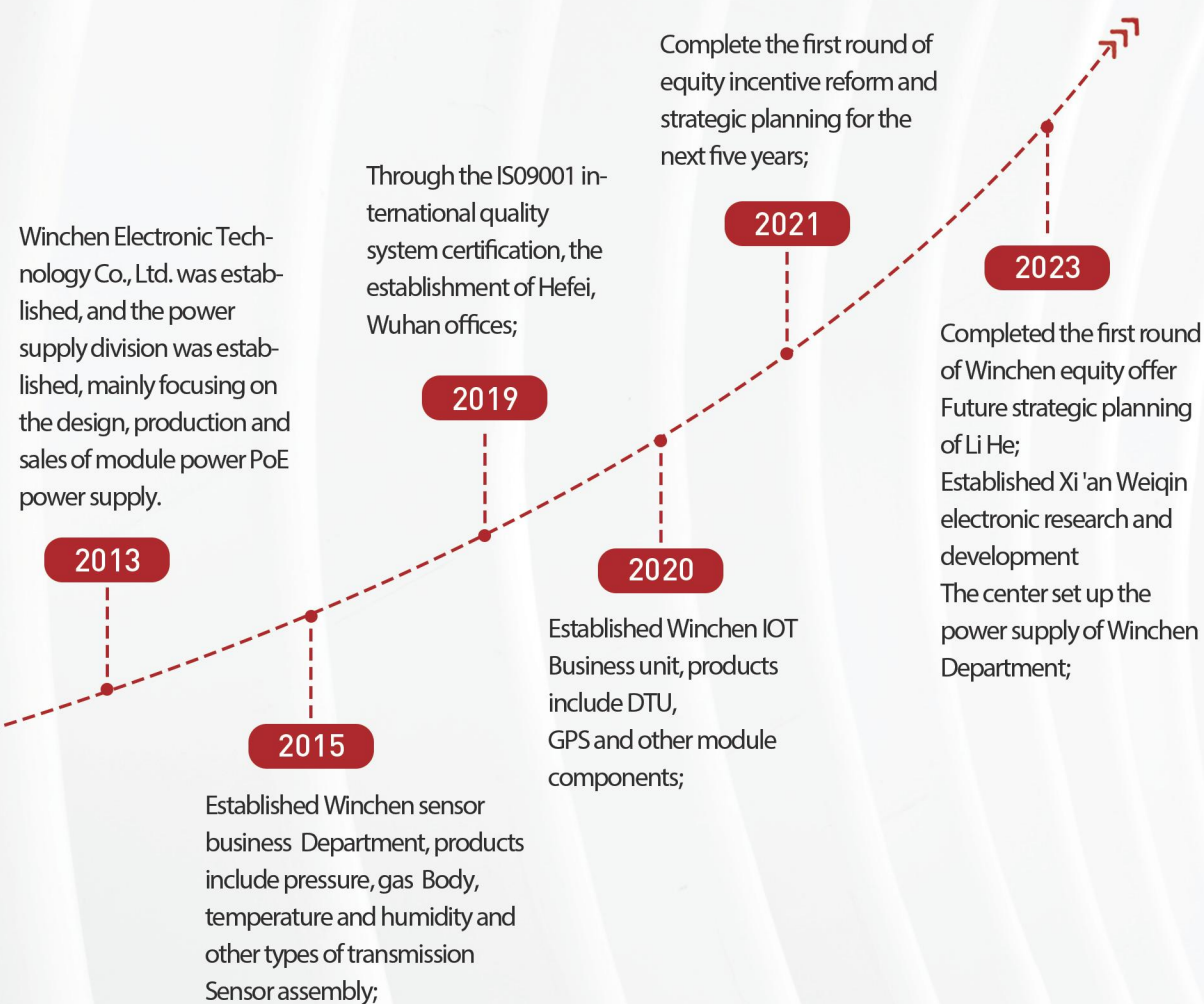
**150<sup>+</sup>**

Team operations staff



## DEVELOPMENT HISTORY

Committed to providing module power supply solutions and high-end energy conversion integrated service providers!



Integrity | Professional | Transcend | Win-win

# WINCHEN

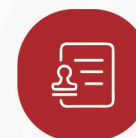
## BUSINESS INTRODUCE

Customer-centric, quality as the lifeblood, to provide customers with high quality products and technical services



### 01 Service advantage

Fast proofing, free samples can be provided according to customer project needs, customized development of products, product delivery time is short, strict control of each production link period, to ensure quality and control the delivery of professional and technical personnel docking exchange, the whole process to participate in the selection of application guidance.



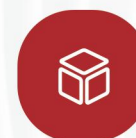
### 02 Product Advantages

Provide industry-leading products, a full range of product solutions, to solve the diversified needs of customers, high precision, using high-precision core, stable performance, unique circuit, wide temperature operation, low power consumption, rich interfaces, a variety of output interfaces, good compatibility.



### 03 Scale advantage

Winchen Power has more than 150 employees and more than 2000 square meters of office and R & D production base. At present, Winchen power supply has started group operation, and belongs to Guqin Holding, Winchen Electronics and other two enterprises.



### 04 Product Series

Committed to providing a full range of POE products, AC-DC, DC-DC module power supply overall solution, the core products are :PoE module, isolation power module, brick power supply, customized power supply.



# Certificate of honor

High-tech enterprises, professional certification, please look for Winchen brand, quality assurance

## ISO9001 Certificate



## CE Certificate

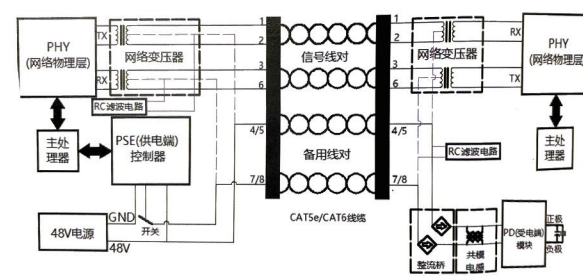


## PoE module Rosh certification



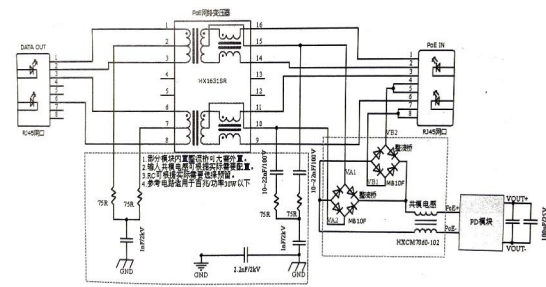
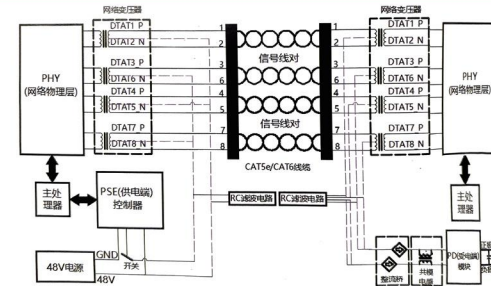
# Recommendation framework

Architecture diagram of 100/1000 MB PoE system



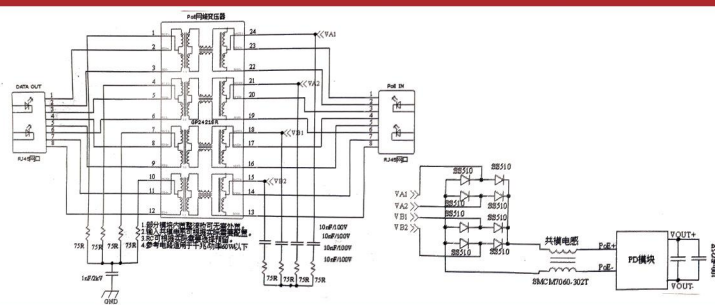
Architecture diagram of 100 MB PoE system

Architecture diagram of 1000 MB PoE system



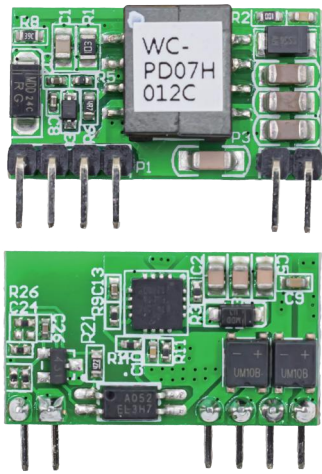
PoE 100 Mbit frame diagram

PoE 1000 Mbit frame diagram





【WC-PD07H012C】



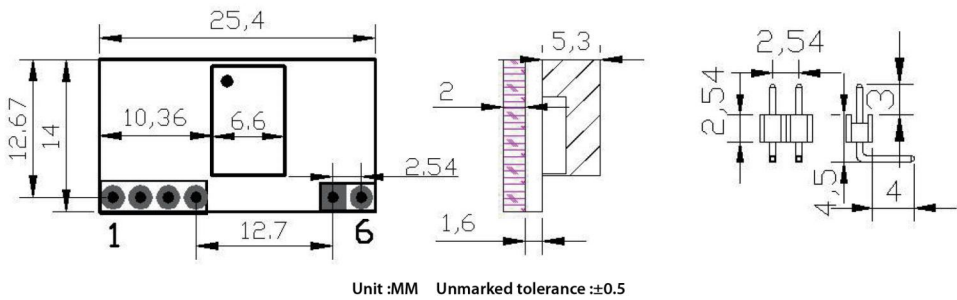
Product characteristics

- Compliance with IEEE802.3af standard
- 39~57V wide operating voltage range
- Maximum output power up to 7W;  
Rated output: 12V/0.6A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 82%  
(input:48V output: 12V@0.6A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCBA standard size: 25.4\*14\*8.9mm
- Input/Output: isolate 1500Vdc

Scope of application

Video and VoIP Phone    RFID Reader    Multiband Access Point

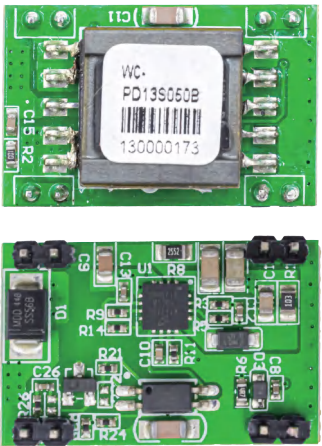
Dimensional structure



Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD06H050A	YES	5V/1.2A	NO	NO	Bent needle 2.54mm
WC-PD06H050C	YES	5V/1.2A	NO	NO	Bent needle 2.54mm
WC-PD07H012A	YES	12V/0.6A	NO	NO	Bent needle 2.54mm
WC-PD07H012C	YES	12V/0.6A	NO	NO	Bent needle 2.54mm

【WC-PD13S050B】



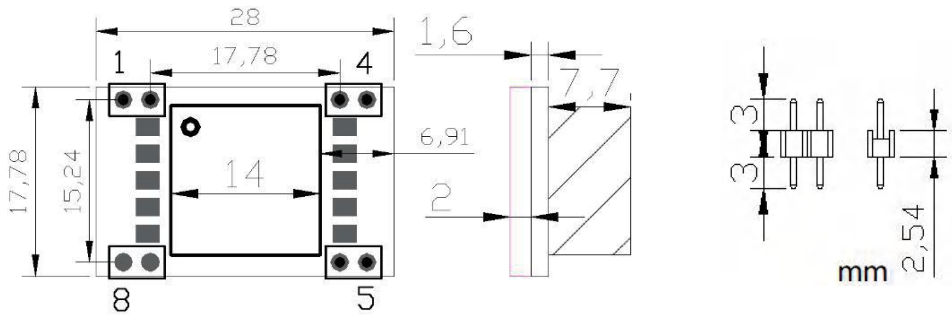
Product characteristics

- Compliance with IEEE802.3af standard
- 42~57V wide operating voltage range
- Maximum output power up to 10W;  
Rated output: 5V/2A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 82%  
(input:48V output: 5V@2A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCB standard size: 28\*17.78\*11.3mm
- Input/Output: isolate 1500Vdc

Scope of application

Video and VoIP Phone    RFID Reader    Multiband Access Point

Dimensional structure

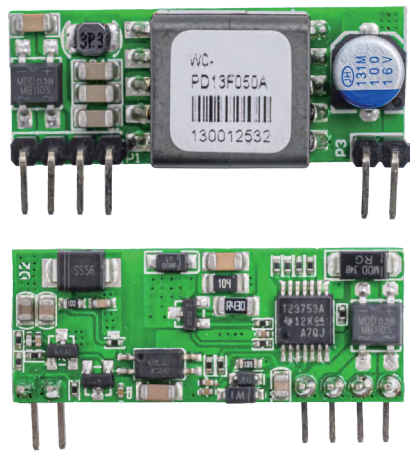


Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD13S050A	NO	5V/2A	NO	NO	Bent needle 2.54mm
WC-PD13S050B	NO	5V/2A	NO	NO	Bent needle 2.54mm
WC-PD13S120A	NO	12V/1.1A	NO	NO	Bent needle 2.54mm
WC-PD13S120B	NO	12V/1.1A	NO	NO	Bent needle 2.54mm



【WC-PD13F050A】

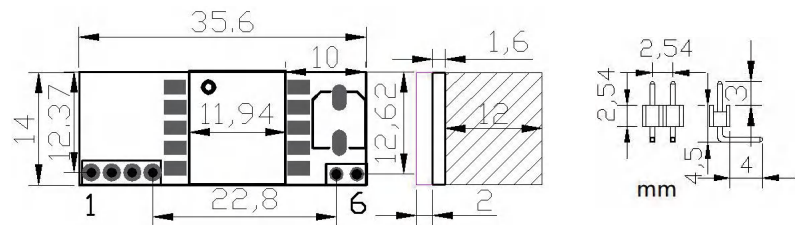


Product characteristics

- Compliance with IEEE802.3af standard
- 39~57V wide operating voltage range
- Maximum output power up to 10W;  
Rated output: 5V/2A
- The output ripple is less than 150 mV
- Conversion efficiency can be as high as 87%  
(input:48V output: 5V@2A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCB standard size: 35.6\*14\*15.6mm
- Input/Output: isolate 1500Vdc

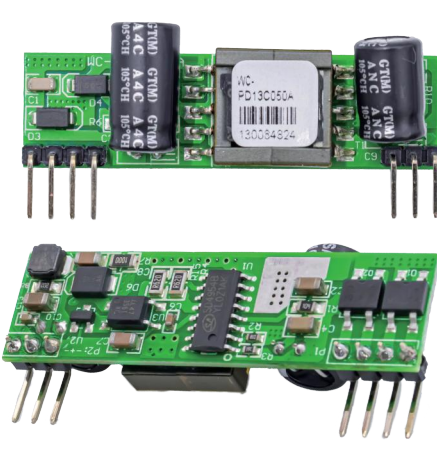
Scope of application      Video and VoIP Phone    Digital signage    Surveillance camera

Dimensional structure



Product selection					
Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD13F050B	YES	5V/2A	YES	NO	Straight needle 2.54mm
WC-PD13F050C	YES	5V/2A	YES	NO	Bent needle 2.54mm
WC-PD13F012A	YES	12V/1.1A	YES	NO	Bent needle 2.54mm
WC-PD13F012B	YES	12V/1.1A	YES	NO	Straight needle 2.54mm
WC-PD13F012C	YES	12V/1.1A	YES	NO	Bent needle 2.54mm
WC-PD13F120B-R1	YES	12V/1.1A	YES	NO	Bent needle 2.54mm

【WC-PD13F050A】

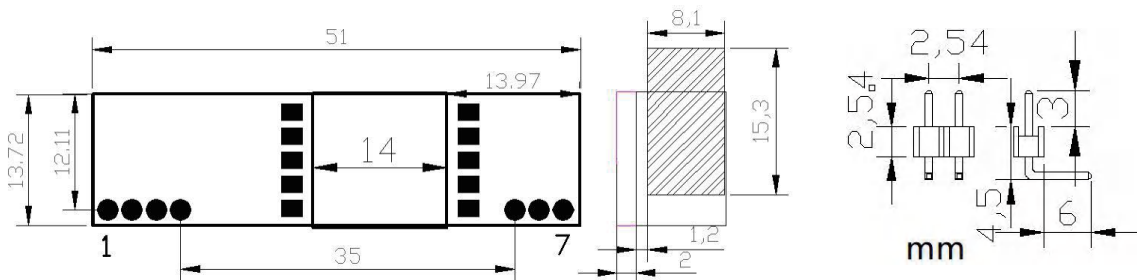


Product characteristics

- Compliance with IEEE802.3af standard
- 39~57V wide operating voltage range
- Maximum output power up to 10W;  
Rated output: 5V/2A
- The output ripple is less than 150 mV
- Conversion efficiency can be as high as 87%  
(input:48V output: 5V@2A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCB standard size: 35.6\*14\*15.6mm
- Input/Output: isolate 1500Vdc

Scope of application      Video and VoIP Phone    Digital signage    Surveillance camera

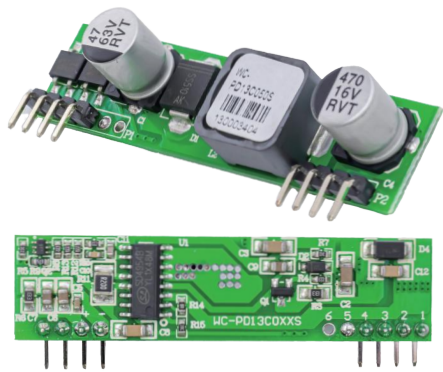
Dimensional structure



Product selection					
Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD13C050A	YES	5V/2A	YES	NO	Bent needle 2.54mm
WC-PD13C012A	YES	12V/1.1A	YES	NO	Bent needle 2.54mm



【WC-PD13C050S】

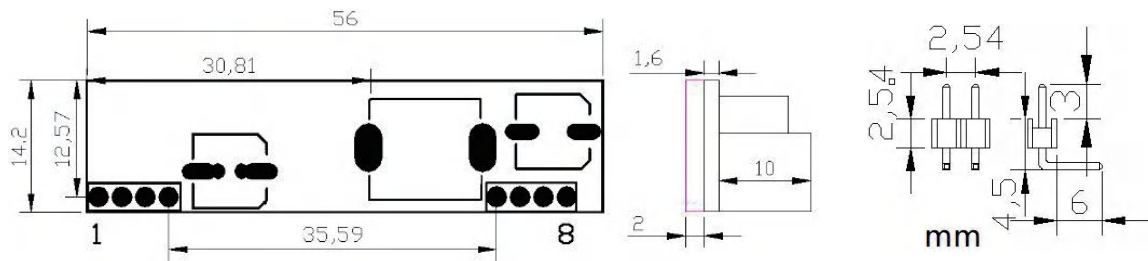


Product characteristics

- Compliance with IEEE802.3af standard
- 39~57V wide operating voltage range
- Maximum output power up to 10W;  
Rated output: 5V/2A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 85%  
(input:48V output: 5V@2A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCB standard size: 56\*14.2\*13.6mm
- Input/Output: isolate 1500Vdc

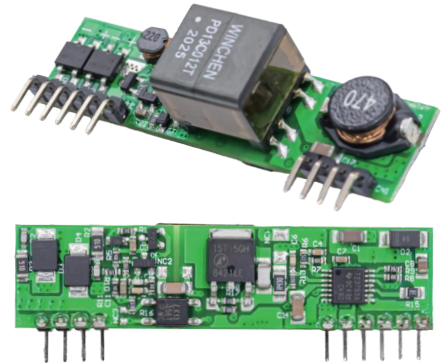
Scope of application      Video and VoIP Phone    RFID Reader    Multiband Access Point

Dimensional structure



Product selection					
Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD13C050S	YES	5V/2A	YES	NO	Bent needle 2.54mm
WC-PD13C012S	YES	12V/1.1A	YES	NO	Bent needle 2.54mm

【WC-PD13C012T】

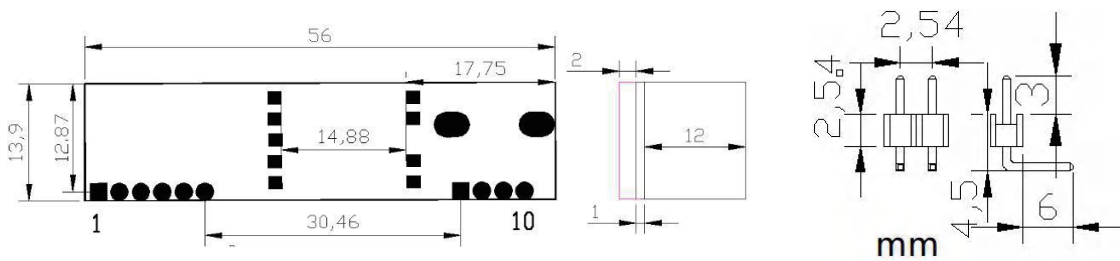


Product characteristics

- Compliance with IEEE802.3af standard
- 39~57V wide operating voltage range
- Maximum output power up to 10W;  
Rated output: 5V/2A
- The output ripple is less than 150 mV
- Conversion efficiency can be as high as 87%  
(input:48V output: 5V@2A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCB standard size: 35.6\*14\*15.6mm
- Input/Output: isolate 1500Vdc

Scope of application      Video and VoIP Phone    Digital signage    Surveillance camera

Dimensional structure

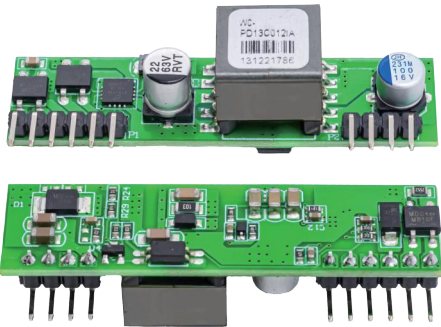


Product selection					
Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD13C012T	YES	12V/1.1A	NO	NO	Bent needle 2.54mm
WC-PD13C012TA	YES	12V/1.1A	NO	NO	Bent needle 2.54mm



【WC-PD13C012IA】

Product characteristics

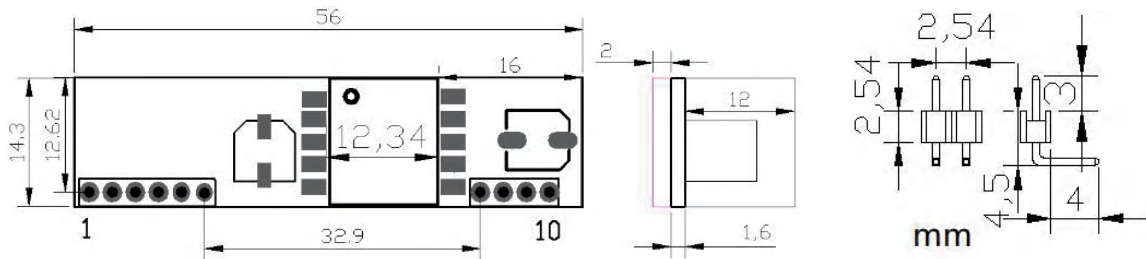


- Compliance with IEEE802.3af standard
- 39~57V wide operating voltage range
- Maximum output power up to 13W;  
Rated output: 12V/1.1A
- The output ripple is less than 150 mV
- Conversion efficiency can be as high as 86%  
(input:48V output: 12V@1.1A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCB standard size: 56\*14.3\*15.6mm
- Input/Output: isolate 1500Vdc

Scope of application

Video and VoIP Phone    RFID Reader    Multiband Access Point

Dimensional structure

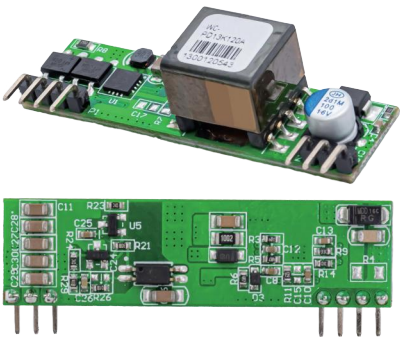


Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD13C050I	YES	5V/2A	YES	NO	Bent needle 2.54mm
WC-PD13C050IA	YES	5V/2A	YES	NO	Bent needle 2.54mm
WC-PD13C012I	YES	12V/1.1A	YES	NO	Bent needle 2.54mm
WC-PD13C012IA	YES	12V/1.1A	YES	NO	Bent needle 2.54mm

【WC-PD13K120A】

Product characteristics

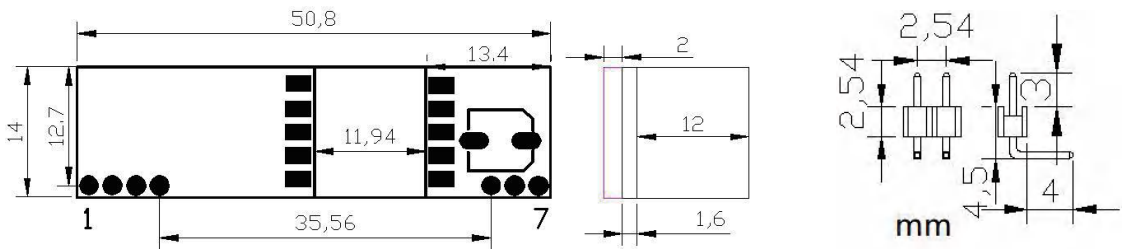


- Compliance with IEEE802.3af standard
- 39~57V wide operating voltage range
- Maximum output power up to 13W;  
Rated output: 12V/1.1A
- The output ripple is less than 150 mV
- Conversion efficiency can be as high as 86%  
(input:48V output: 12V@1.1A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCB standard size: 50.8\*14\*15.6mm
- Input/Output: isolate 1500Vdc

Scope of application

Video and VoIP Phone    Digital signage    Surveillance camera

Dimensional structure

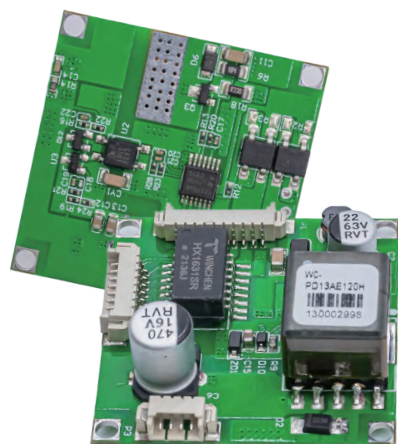


Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD13K050A	YES	5V/2A	YES	NO	Bent needle 2.54mm
WC-PD13K120A	YES	12V/1.1A	YES	NO	Bent needle 2.54mm



## 【WC-PD13AE120H】



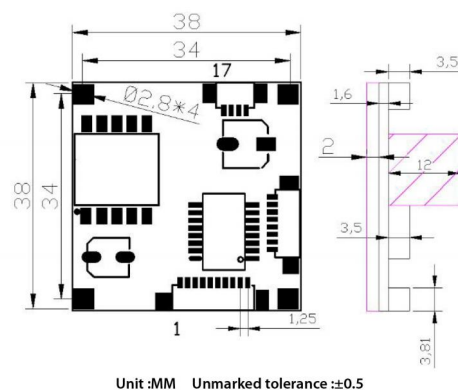
### Product characteristics

- Compliance with IEEE802.3af standard
- 39~57V wide operating voltage range
- Maximum output power up to 13W;  
Rated output: 12V/1.1A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 86%  
(input:48V output: 12V@1.1A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCBA standard size: 38\*38\*15.6mm
- Input/Output: isolate 1500Vdc

### Scope of application

Video and VoIP Phone RFID Reader Multiband Access Point

### Dimensional structure



### Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD13AE120H	YES	12V/1.1A	YES	YES	Receptacle 1.25mm
WC-PD13AE120G	YES	12V/1.1A	YES	YES	Receptacle 1.25mm
WC-PD13A120J-R1	YES	12V/1.1A	YES	YES	Receptacle 1.25mm

## 【WC-PD13M120S-R1】



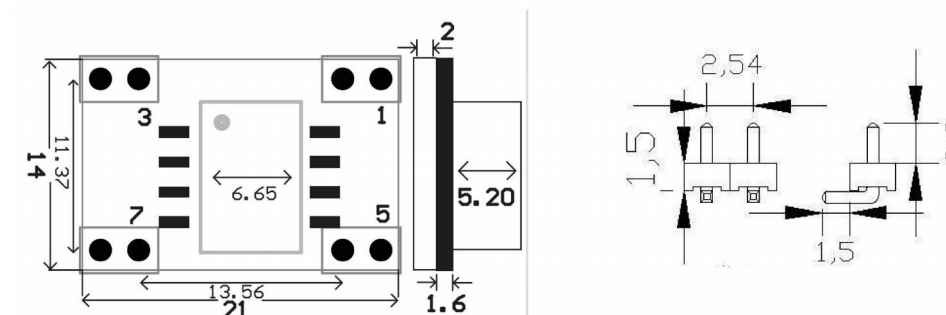
### Product characteristics

- Compliance with IEEE802.3af standard
- 42~57V wide operating voltage range
- Maximum output power up to 12W;  
Rated output: 12V/1A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 86%  
(input:48V output: 12V@1A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCB standard size: 21\*14\*8.8mm
- Input/Output: isolate 1500Vdc

### Scope of application

Video and VoIP Phone RFID Reader Multiband Access Point

### Dimensional structure

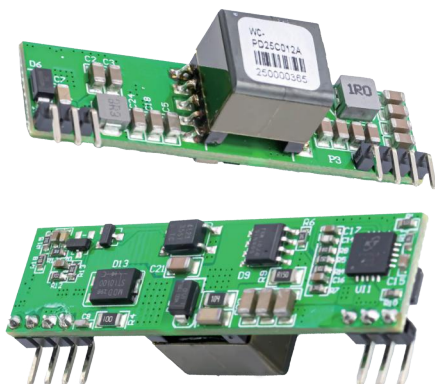


### Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD13M050S-R1	YES	5V/2A	NO	NO	patch 2.54mm
WC-PD13M120A-R1	YES	12V/1A	NO	NO	Straight needle 2.54mm
WC-PD13M120C-R1	YES	12V/1A	NO	NO	Straight needle 2.54mm
WC-PD13M240S-R1	YES	24V/0.5A	NO	NO	patch 2.54mm

## 【WC-PD25C012A】

### Product characteristics

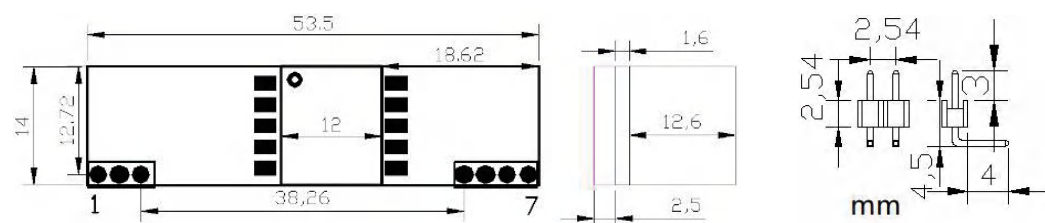


- Compliance with IEEE802.3at standard
- 42~57V wide operating voltage range
- Maximum output power up to 24W;  
Rated output: 12V/2A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 87%  
(input:48V output: 12V@2A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCBA standard size: 53.5\*14\*16.7mm
- Input/Output: isolate 1500Vdc

### Scope of application

Video and VoIP Phone RFID Reader Surveillance camera

### Dimensional structure

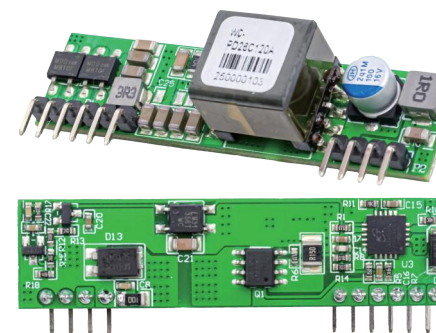


### Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD25C012A	NO	12V/2A	NO	NO	Bent needle 2.54mm
WC-PD25C012C	NO	12V/2A	NO	NO	Bent needle 2.54mm
WC-PD25C012E	NO	12V/2A	NO	NO	Bent needle 2.54mm
WC-PD25C012J	NO	12V/2A	NO	NO	Bent needle 2.54mm

## 【WC-PD26C120A】

### Product characteristics

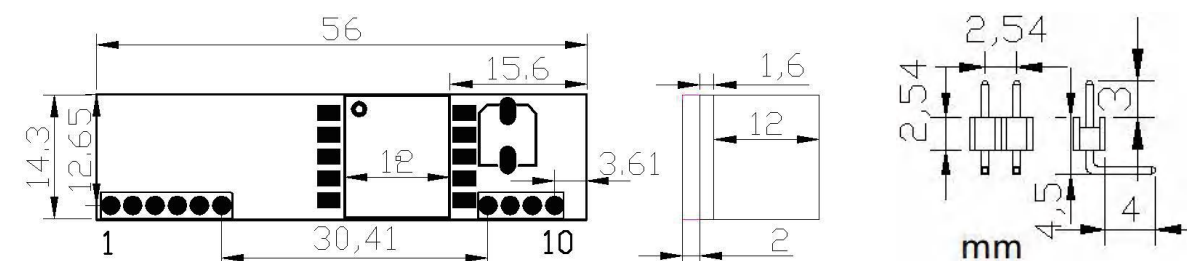


- Compliance with IEEE802.3at standard
- 42~57V wide operating voltage range
- Maximum output power up to 24W;  
Rated output: 12V/2A
- The output ripple is less than 100 mV
- Conversion efficiency can be as high as 84%  
(input:48V output: 12V@2A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCB standard size: 56\*14.3\*15.6mm
- Input/Output: isolate 1500Vdc

### Scope of application

Video and VoIP Phone RFID Reader Multiband Access Point

### Dimensional structure

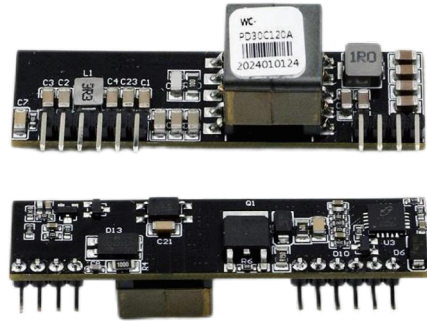


### Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD26C120A	YES	12V/2A	YES	NO	Bent needle 2.54mm
WC-PD26C120B	YES	12V/2A	YES	NO	Bent needle 2.54mm



## 【WC-PD30C120A】



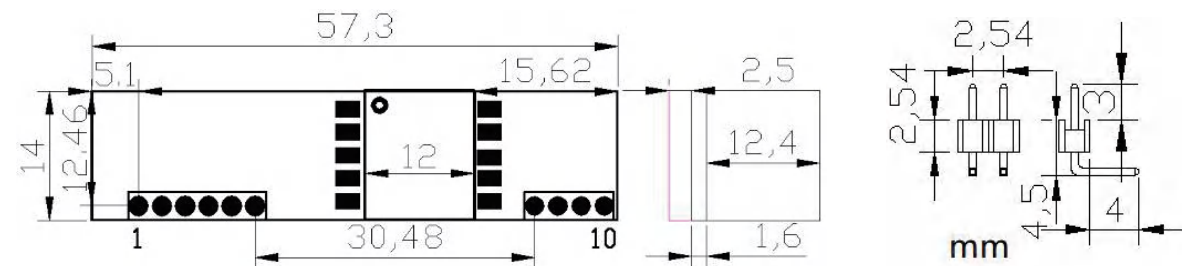
### Product characteristics

- Compliance with IEEE802.3af standard
- 42~57V wide operating voltage range
- Maximum output power up to 25W;  
Rated output: 12V/2A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 87%  
(input:48V output: 12V@2A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCBA standard size: 57.3\*14\*16.5mm
- Input/Output: isolate 1500Vdc

### Scope of application

Video and VoIP Phone RFID Reader Multiband Access Point

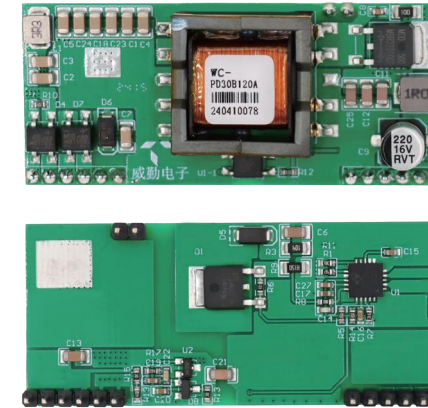
### Dimensional structure



### Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD25C050A-R1	YES	5V/5A	YES	NO	Straight needle 2.54mm
WC-PD30C120A	NO	12V/2A	YES	NO	Bent needle 2.54mm

## 【WC-PD30B120A】



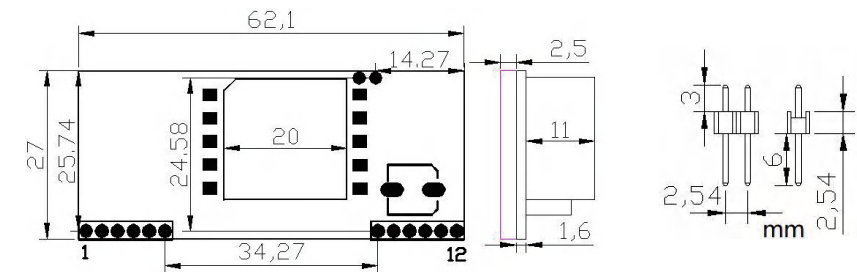
### Product characteristics

- Compliance with IEEE802.3af standard
- 39~57V wide operating voltage range
- Maximum output power up to 10W;  
Rated output: 5V/2A
- The output ripple is less than 150 mV
- Conversion efficiency can be as high as 87%  
(input:48V output: 5V@2A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCB standard size: 35.6\*14\*15.6mm
- Input/Output: isolate 1500Vdc

### Scope of application

Video and VoIP Phone Digital signage Surveillance camera

### Dimensional structure

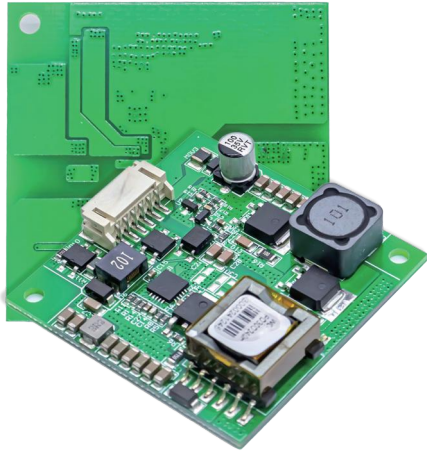


### Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD30B050	YES	5V/6A	YES	NO	Bent needle 2.54mm
WC-PD30B050AL	YES	5V/6A	YES	NO	Straight needle 2.54mm
WC-PD30B120A	YES	12V/2.5A	YES	NO	Straight needle 2.54mm
WC-PD30B120AL	NO	12V/2.5A	YES	NO	Straight needle 2.54mm
WC-PD30B012-1	YES	12V/2.5A	NO	NO	Straight needle 2.54mm
WC-PD30B024	YES	24V/1.25A	NO	NO	Bent needle 2.54mm

## 【WC-PD30D240H】

### Product characteristics

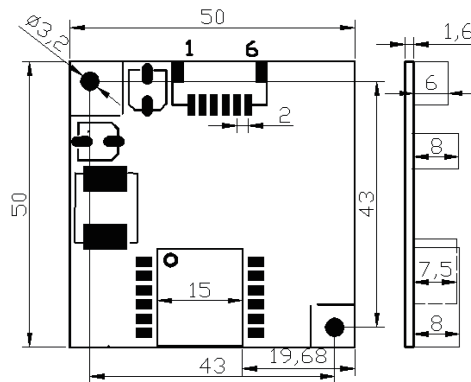


- Compliance with IEEE802.3at standard
- 42~57V wide operating voltage range
- Maximum output power up to 30W;  
Rated output: 24V/1.25A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 87%  
(input:48V output: 24V@1.25A)
- It has excellent reliability and circuit protection such as over current, short circuit, under voltage and surge
- PCBA standard size: 50\*50\*9.6mm
- Input/Output: isolate 1500Vdc

### Scope of application

Video and VoIP Phone RFID Reader Multiband Access Point

### Dimensional structure

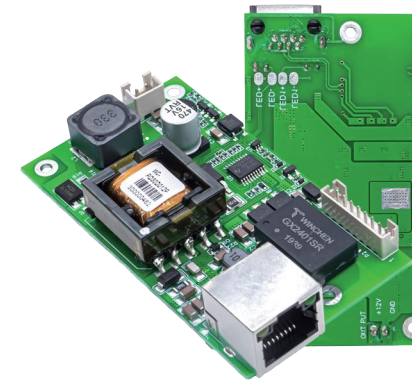


### Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD30D120HV	YES	12V/2.5A	YES	NO	Receptacle 2.0mm
WC-PD30D120J-R1	YES	12V/2.5A	NO	NO	Receptacle 2.0mm
WC-PD30D240H	YES	24V/1.25A	YES	NO	Receptacle 2.0mm
WC-PD30D240HV	NO	24V/1.25A	NO	NO	Receptacle 2.0mm

## 【WC-PD30B120A】

### Product characteristics

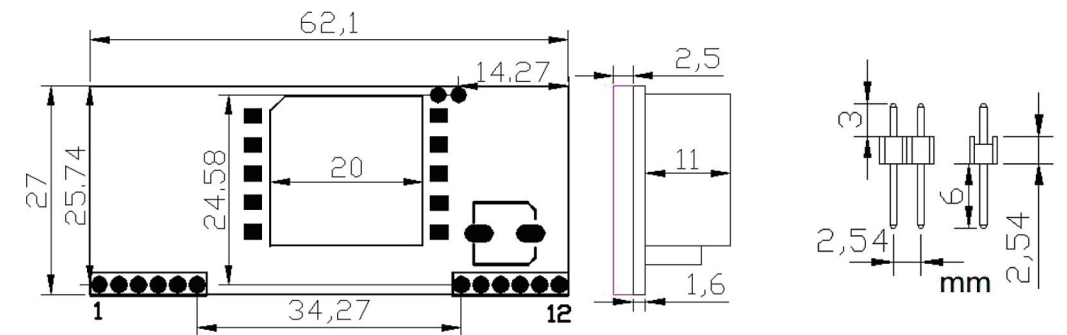


- Compliance with IEEE802.3at standard
- 42~57V wide operating voltage range
- Maximum output power up to 30W;  
Rated output: 12V/2.5A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 86%  
(input:48V output: 12V@2.5A)
- It has excellent reliability and circuit protection such as over current, short circuit, under voltage and surge
- PCB standard size: 62.1\*27\*15.1mm
- Input/Output: isolate 1500Vdc

### Scope of application

Video and VoIP Phone Multiband Access Point RFID Reader

### Dimensional structure



Unit :MM Unmarked tolerance :±0.5

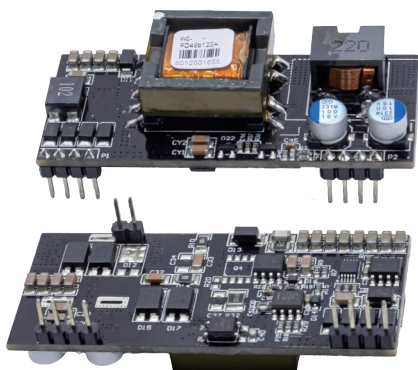
### Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD30D012P	YES	12V/2.5A	YES	YES	Receptacle
WC-PD42E120J-R2	YES	12V/3.5A	NO	YES	Receptacle



## 【WC-PD48B120A】

### Product characteristics

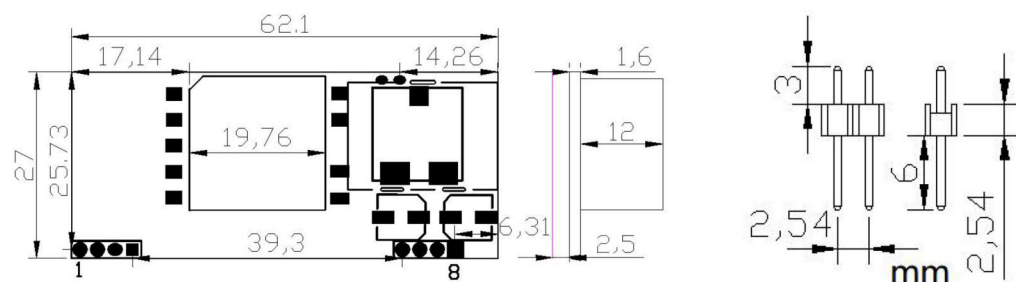


- Compliance with IEEE802.3at/af/bt standard
- 42~57V wide operating voltage range
- Maximum output power up to 48W;  
Rated output: 12V/4A
- The output ripple is less than 150 mV
- Conversion efficiency can be as high as 90%  
(input:48V output: 12V@4A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCBA standard size: 62.1\*27\*16.1mm
- Input/Output: isolate 1500Vdc

### Scope of application

Video and VoIP Phone RFID Reader Multiband Access Point

### Dimensional structure



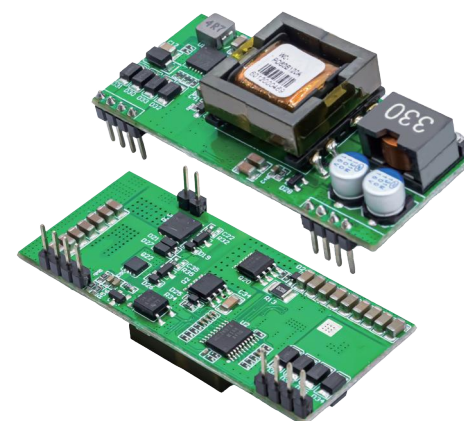
Unit :MM Unmarked tolerance :±0.5

### Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD48B120A	YES	12V/4A	YES	NO	Straight needle 2.54mm
WC-PD48B120B	YES	12V/4A	YES	NO	Bent needle 2.54mm
WC-PD50B240A	YES	24V/2A	YES	NO	Straight needle 2.54mm
WC-PD50B240B	YES	24V/2A	YES	NO	Bent needle 2.54mm

## 【WC-PD60B120A】

### Product characteristics

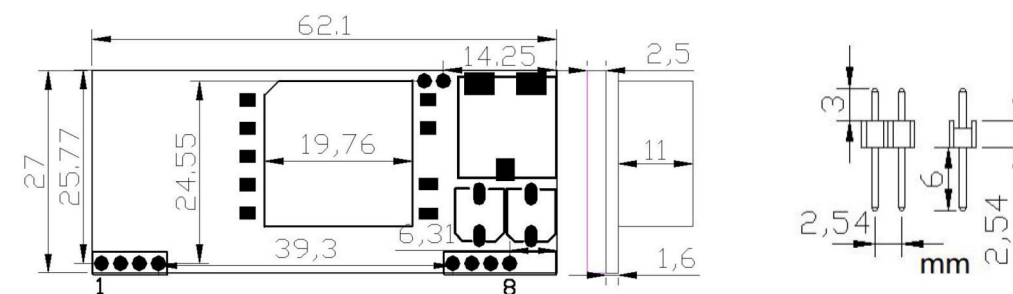


- Compliance with IEEE802.3at/af/bt standard
- 42~57V wide operating voltage range
- Maximum output power up to 60W;  
Rated output: 12V/2.5A
- The output ripple is less than 150 mV
- Conversion efficiency can be as high as 90%  
(input:48V output: 12V@2.5A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCB standard size: 62.1\*27\*15.1mm
- Input/Output: isolate 1500Vdc

### Scope of application

Video and VoIP Phone Multiband Access Point RFID Reader

### Dimensional structure



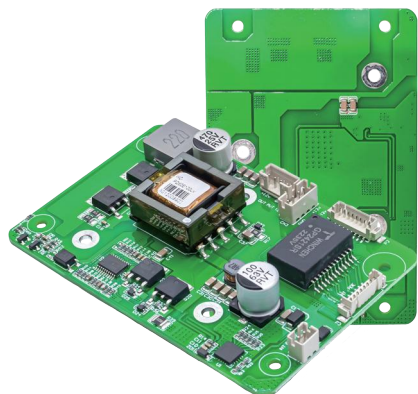
Unit :MM Unmarked tolerance :±0.5

### Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD60B120A	YES	12V/5A	YES	NO	Straight needle 2.54mm
WC-PD60B120B	YES	12V/5A	YES	NO	Bent needle 2.54mm
WC-PD60B120C	NO	12V/5A	YES	NO	Straight needle 2.54mm
WC-PD60B240A	YES	24V/2.5A	NO	NO	Straight needle 2.54mm

## 【WC-PD60E120LV】

### Product characteristics

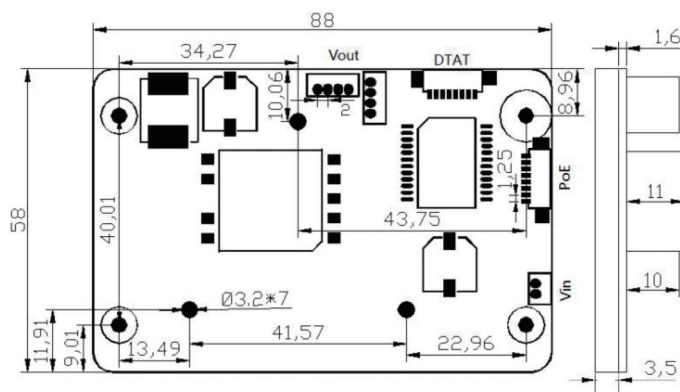


- Compliance with IEEE802.3at/af/bt standard
- 42~57V wide operating voltage range
- Maximum output power up to 60W;  
Rated output: 12V/5A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 90%  
(input:48V output: 12V@2A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCBA standard size: 57.3\*14\*16.5mm
- Input/Output: isolate 1500Vdc

### Scope of application

Video and VoIP Phone RFID Reader Multiband Access Point

### Dimensional structure



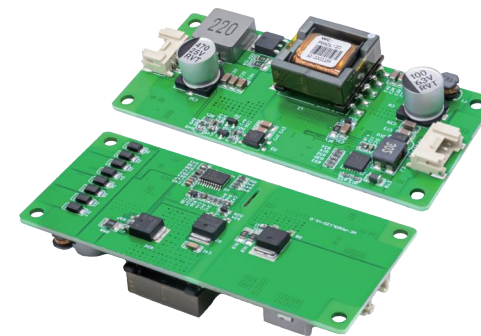
Unit :MM Unmarked tolerance :±0.5

### Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD60E120LV	YES	12V/5A	YES	YES	Wiring 1.25mm
WC-PD60E120J-R1	YES	12V/5A	YES	YES	Wiring 1.25mm

## 【WC-PD60L120】

### Product characteristics

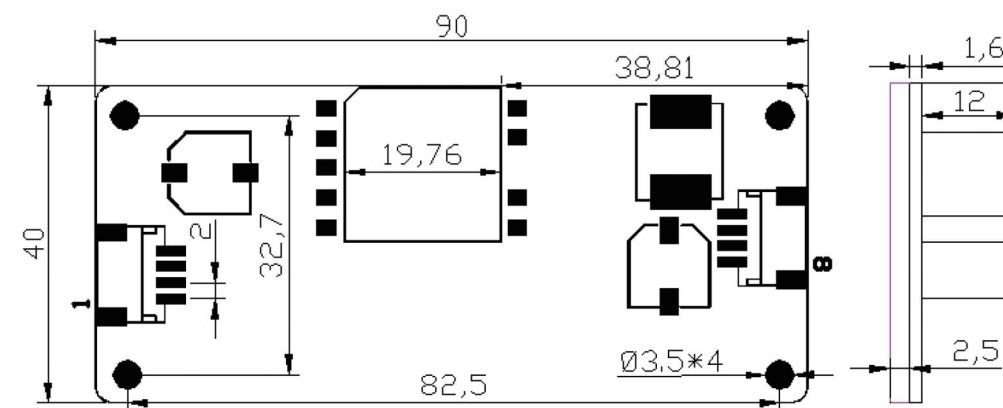


- Compliance with IEEE802.3at/af/bt standard
- 42~57V wide operating voltage range
- Maximum output power up to 60W;  
Rated output: 12V/5A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 87%  
(input:48V output: 12V@5A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCB standard size: 90\*40\*16.1mm
- Input/Output: isolate 1500Vdc

### Scope of application

Video and VoIP Phone Digital signage Surveillance camera

### Dimensional structure



### Product selection

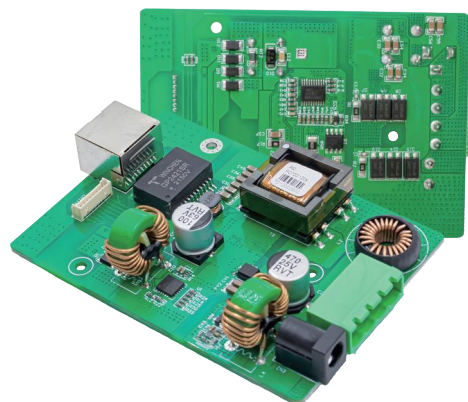
Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD60L050	YES	5V/8A	YES	NO	Receptacle
WC-PD60L120	YES	12V/5A	YES	NO	Receptacle
WC-PD60L120J-R1	YES	12V/5A	YES	NO	Receptacle



## 【WC-PD72D120X】

### Product characteristics

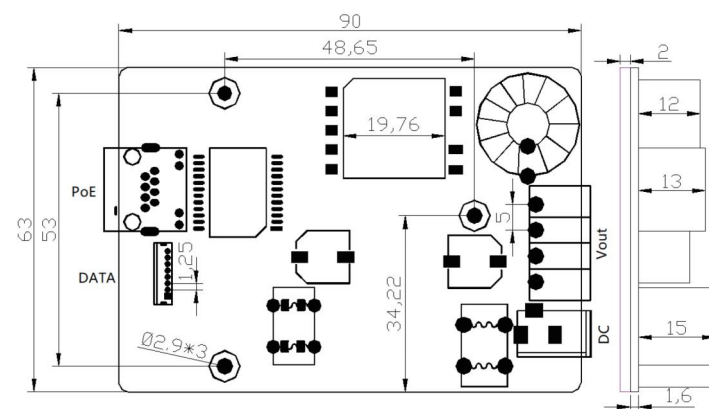
- Compliance with IEEE802.3at/af/bt standard
- 42~57V wide operating voltage range
- Maximum output power up to 72W;  
Rated output: 12V/6A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 90%  
(input:48V output: 12V@6A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCBA standard size: 90\*63\*18.6mm
- Input/Output: isolate 1500Vdc



### Scope of application

Video and VoIP Phone RFID Reader Multiband Access Point

### Dimensional structure



Unit :MM Unmarked tolerance :±0.3

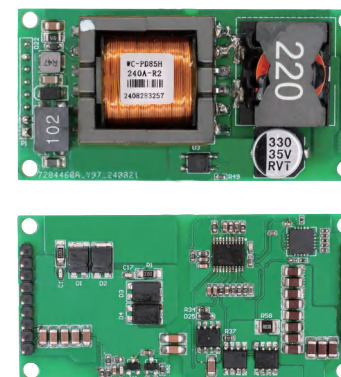
### Product selection

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD72D120P	YES	12V/6A	YES	YES	Wiring/Receptacle
WC-PD72D120X	YES	12V/6A	YES	YES	Receptacle

## 【WC-PD85H240A-R2】

### Product characteristics

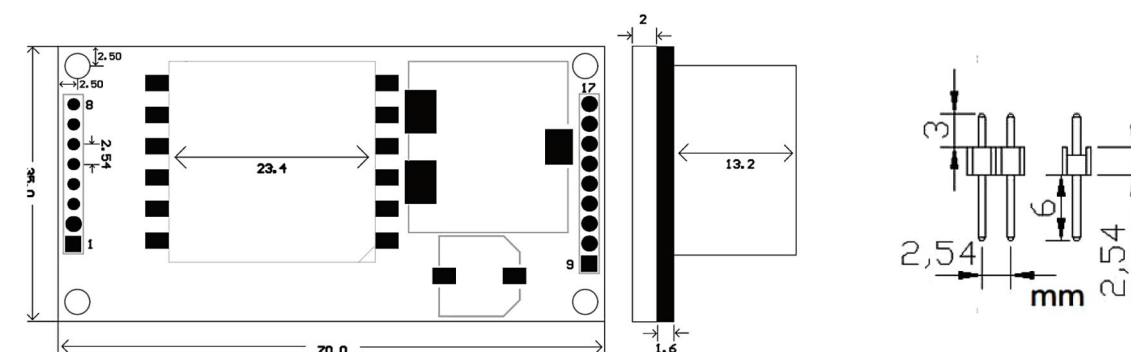
- Compliance with IEEE802.3at/af/bt standard
- 42~57V wide operating voltage range
- Maximum output power up to 80W;  
Rated output: 24V/3.34A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 87%  
(input:48V output: 24V@3.34A)
- It has excellent reliability and circuit protection such as  
over current, short circuit, under voltage and surge
- PCB standard size: 70\*35\*16.8mm
- Input/Output: isolate 1500Vdc



### Scope of application

Video and VoIP Phone RFIDReader Multiband Access Point

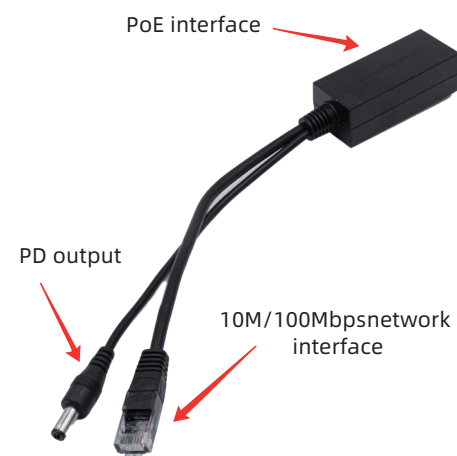
### Dimensional structure



### 产品选型

Model	Input rectification	Output parameter	Output capacitance	Network transformer	Connection mode
WC-PD85H120A-R1	NO	12V/7A	YES	NO	Straight needle 2.54mm
WC-PD85H240A	NO	24V/3.54A	YES	NO	Straight needle 2.54mm
WC-PD85H240A-R2	NO	24V/3.34A	YES	NO	Straight needle 2.54mm

## [PS13-5712C]



## Product characteristics

- Compliance with IEEE802.3at standard
- 42~57V wide operating voltage range
- Maximum output power up to 13W;  
Rated output: 12V/1.1A
- The output ripple is less than 200 mV
- Conversion efficiency can be as high as 84%
- It has excellent reliability and circuit protection such as over current, short circuit, under voltage and surge
- PCBA standard size: 65\*28\*22mm
- Input/Output: isolate 1500Vdc

## Scope of application

Outdoor security video surveillance Wireless data center RFID Reader

## Product parameter

Type	PoE splitter
Support protocol	IEEE802.3at
Port	PoEIN:1 10/100M adaptive RJ45 interface LAN DATA:1 10/100M adaptive RJ45 interface DC:12V/1.1A
Basic function	EEE 802.3af standard maximum transmission distance of 100m, plug and play without management
Temperature	Working temperature: 25 ° C - 65 ° C storage temperature: - 40 ° C - 85 ° C Work humidity: 10% ~ 90% condensation storage humidity: 5% ~ 90% don't condense

## Product selection

Product model	Power	Rated output	Power interface	Product size
PS13-5705	13W	5V/2.4A	5.5*2.1*10mm	65*28*22mm
PS13-5712C	13W	12V/1.1A	5.5*2.1*10mm	65*28*22mm
PS13-5724	13W	24V/0.54A	5.5*2.1*10mm	65*28*22mm
PS13-5705USB	13W	5V/2.4A	Micro Type-B	81*28*24mm

## [PS12-CB05R1-TYPEC]



## Product characteristics

- Compliance with IEEE802.3af standard
- 42~57V wide operating voltage range
- Maximum output power up to 12W;  
Rated output: 5V/2.4A
- The output ripple is less than 100 mV
- Conversion efficiency can be as high as 84%
- It has excellent reliability and circuit protection such as over current, short circuit, under voltage and surge
- PCBA standard size: 94\*35\*27mm
- Input/Output: isolate 1500Vdc

## Scope of application

Outdoor security video surveillance Wireless data center RFID Reader

## Product parameter

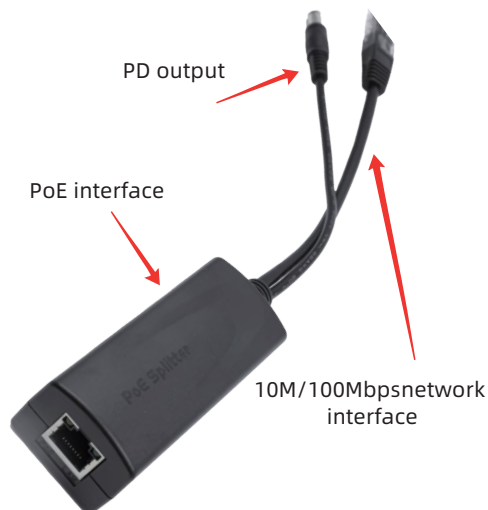
Type	PoE splitter
Support protocol	IEEE802.3af
Port	PoEIN:1 10/100M adaptive RJ45 interface LAN DATA:1 10/100M adaptive RJ45 interface DC:12V/1.1A
Basic function	EEE 802.3af standard maximum transmission distance of 100m, plug and play without management
Indicator	Output power indicator
Temperature	Working temperature: 25 ° C - 65 ° C storage temperature: - 40 ° C - 85 ° C Work humidity: 10% ~ 90% condensation storage humidity: 5% ~ 90% don't condense

## Product selection

Product model	Power	Rated output	Power interface	Product size
S12-CB05R1-TYPEC	13W	5V/2.4A	TYPE-C	94*35*27mm



## [PS12-CB05R1-TYPEC]



## Product characteristics

- Compliance with IEEE802.3at standard
- 42~57V wide operating voltage range
- Maximum output power up to 24W;  
Rated output: 12V/2A
- The output ripple is less than 150 mV
- Conversion efficiency can be as high as 87%
- With superior dynamic response, surge output protection
- PCBA standard size: 94\*35\*27mm
- Input/Output: isolate 1500Vdc

## Scope of application

Outdoor security video surveillance Wireless data center RFID Reader

## Product parameter

Type	PoE splitter
Support protocol	IEEE802.3at
Port	PoEIN:1 10/100M adaptive RJ45 interface LAN DATA:1 10/100M adaptive RJ45 interface DC:12V/1.1A
Basic function	IEEE 802.3af standard maximum transmission distance of 100m, plug and play without management
Temperature	Working temperature: 25 ° C - 65 ° C storage temperature: - 40 ° C - 85° C Work humidity: 10% ~ 90% condensation storage humidity: 5% ~ 90% don't condense

## Product selection

Product model	Power	Rated output	Power interface	Product size
PS25-5712AT	24W	12V/2A	5.5*2.1*10mm	81*28*24mm
PS30-5712T	24W	12V/2A	5.5*2.1*10mm	94*35*27mm

## [PS12-CB05R1-TYPEC]



## Product characteristics

- Compliance with IEEE802.3bt standard
- 42~57V wide operating voltage range
- Maximum output power up to 72W;  
Rated output: 12V/6A
- The output ripple is less than 200 mV
- High efficiency DCDC converter 90% efficiency
- With superior dynamic response, surge output protection
- PCBA standard size: 93\*70\*25mm
- 1500Vdc isolation

## Scope of application

Outdoor security video surveillance Wireless data center RFID Reader

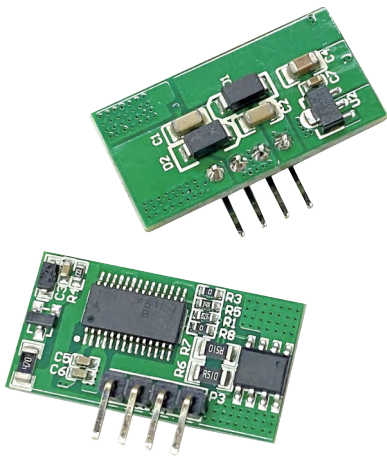
## Product parameter

Type	PoE splitter
Support protocol	IEEE802.3af、IEEE802.3at、IEEE802.3bt
Port	POEIN:10/1000Mbps transmission rate Input port : LAN DATA:1 10/1000M; DC:12V/6A;Vout Output wiring terminals 12V/6A
Basic function	IEEE 802.3BT standard, the maximum transmission distance is 100m, plug and play without management
Indicator	Output power indicator
Temperature	Working temperature: 25 ° C - 65 ° C storage temperature: - 40 ° C - 85° C Work humidity: 10% ~ 90% condensation storage humidity: 5% ~ 90% don't condense

## Product selection

Product model	Power	Rated output	Power interface	Product size
PS60-5719G	38W	19V/2A	5.5*2.1*10mm	94*35*27mm
PS72-5712G	72W	12V/6A	5.5*2.1*10mm	93*70*25mm

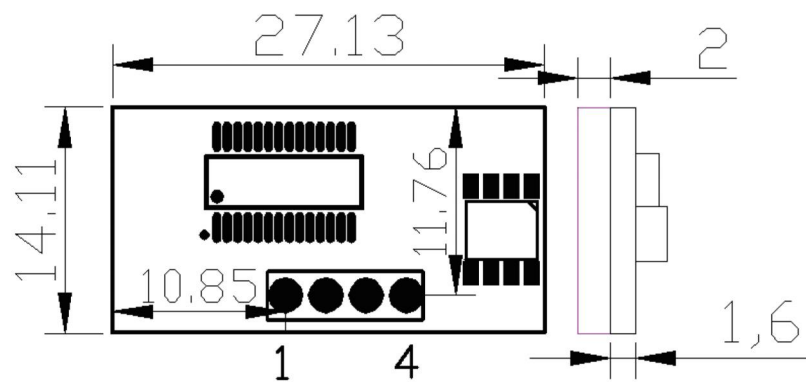
[WC-PSE48-48]



Product characteristics

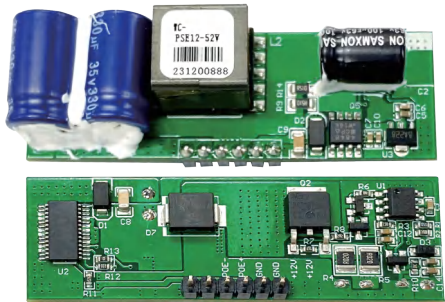
- Compliance with IEEE802.3af standard
- 42~57V wide operating voltage range
- Upper limit Class 4
- Automatic detection of power supply devices with valid signatures (PD)
- Compatible with single and double feature PD
- PD automatically allocates power through negotiation
- Product size :27.13\*14.11\*6mm

**Scope of application** POS information terminal, commercial display equipment, direct through system



Interface definition		
Pin	Definition	Description
1	Vin-	42~57V DC power input negative terminal
2	Vin+	42 to 57V The DC power input is positive
3	PSE+	This pin is the PSE output detection positive
4	PSE-	The pin is the PSE output detection negative

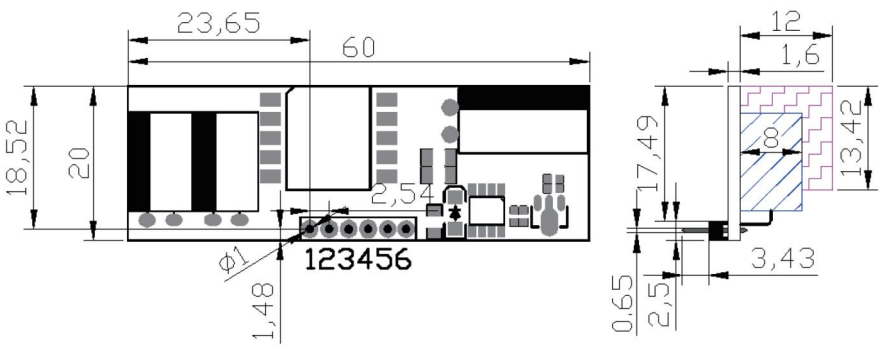
[WC-PSE12-52]



Product characteristics

- Compliance with IEEE802.3at standard
- 42~57V wide operating voltage range
- Upper limit Class 4
- Automatic detection of power supply devices with valid signatures (PD)
- Compatible with single and double feature PD
- PD automatically allocates power through negotiation
- Product size :60\*20\*16mm

**Scope of application** Wireless AP, RFID reader, IP network camera, gateway equipment



Interface definition		Product parameter
Pin	Definition	Description
1,2	Vin+	12~24V DC power input to the positive terminal
3,4	Vin-	12~24V DC power input negative terminal
5	PSE+	This pin is the PSE output detection positive
6	PSE-	The pin is the PSE output detection negative



[WC-PSE60B01]



Product characteristics

- 100 to 240V AC input
- Dc output voltage 53V/1.13A
- Maximum output power 60W
- Strong power supply without testing, plug and play
- Dimensions :170\*70\*40mm

Scope of application

outdoor security video surveillance, high temperature industrial applications

Product parameter

Type	PoE injector
Support protocol	Non-standard
Port	POEIN:1 10/1000M&53V DC voltage; LAN DATA: one 10/1000M
Basic function	Power supply, not first test the standard receiving end
Indicator light	Input power indicator, output indicator
Input voltage	Has 10/100/1000Mbps transmission rate input por
Output power	10/100/1000Mbps transfer rate port &53V DC voltage
Temperature	Working temperature: 25 ° C - 65 ° C storage temperature: - 40 ° C - 85° C Work humidity: 10% ~ 90% condensation storage humidity: 5% ~ 90% don't condense
Power supply mode	Support terminal access method (1/2+,3/6-) and intermediate crossover method (4/5+,7/8-)
power	Output power 53V/1.7A(customized power supply output 90W)

[WC-PSE60B02G]



Product characteristics

- Comply with IEEE802.3bt standard protocol
- 42V~57V Wide operating voltage range
- Automatic detection of power supply devices with valid signatures
- Automatic detection and power matching for 2/3/4 devices
- Excellent reliability such as over current/short circuit/under voltage/surge
- PCB standard size :142\*115\*42mm

Scope of application

outdoor security video surveillance, high temperature industrial applica-

Product parameter

Type	PoE injector
Support protocol	IEEE802.3af,IEEE802.3at,IEEE802.3bt
Port	1 gigabit PoE in network port +1 Gigabit DATA out network port
Network medium	10BASE-T/100BASE-T/1000BASE-T:Cat5e and above UTP(S100 m)
Output voltage	IEEE802.3bt(backward compatible); 52 v / 1.7 A
Input voltage	AC 100V~240V 47Hz~63Hz
Input current	Output power 53V/1.7A(Upper Class 8)
Temperature	Working temperature: 25 ° C - 65 ° C storage temperature: - 40 ° C - 85° C Work humidity: 10% ~ 90% condensation storage humidity: 5% ~ 90% don't condense
Power supply mode	Support end access method (1/2+,3/6-) and middle span method (4/5+,7/8-)
Indicator light	Power/PoE Status

[WC-PSE801]



Product characteristics

- 48~56VDC strong supply type output voltage
- Single-port PoE power supply, output power up to 30W
- Output voltage :DC48-56VDC
- Good safety performance, with surge protection device
- Supports 10/100Mbps network bandwidth
- Built-in power supply, plug and play, no management required

Scope of application

PoE camera, wireless ceiling AP, advertising machine, VoIP phone

Product parameter	
Type	PoE injector
Support protocol	Non-standard
Port	POE:10/100M network + power supply, LAN: connect to a common router, switch, and Internet
Basic function	Power supply, not first test the standard receiving end
Output voltage	48~56VDC 30W AC100V~240V,50-60HZ 0.3A@ 100~240 VAC
Input voltage	Power supply, not first test the standard receiving end
Input current	48~56VDC 30W AC100V~240V,50-60HZ 0.3A@ 100~240 VAC
Temperature	Working temperature: 25 ° C - 65 ° C storage temperature: - 40 ° C - 85° C Work humidity: 10% ~ 90% condensation storage humidity: 5% ~ 90% don't condense
Power supply mode	Support end access method (1/2+,3/6-) and middle span method (4/5+,7/8-)
Indicator light	Power/PoE Status

[WC-PSE802G]



Product characteristics

- 48~56VDC strong supply type output voltage
- Single-port PoE power supply, output power up to 25.4W
- Output voltage :DC48-56VDC
- Good safety performance, with surge protection device
- Supports 10/100/1000Mbps network bandwidth
- Built-in power supply, plug and play, no management

Scope of application

built-in power supply, plug and play, no management

Product parameter	
Type	PoE injector
Support protocol	Non-standard
Port	POE:10/100/1000M network + power supply, LAN: connects to a common router, switch, and Internet
Network medium	1000 BASE-TX: Category 5 or higher unshielded twisted pair cables
Output voltage	48 to 56VDC 25.4W
Input voltage	AC100V~240V,50-60HZ
Input current	50.3A @100~240 VAC
Temperature	Working temperature: 25 ° C - 65 ° C storage temperature: - 40 ° C - 85° C Work humidity: 10% ~ 90% condensation storage humidity: 5% ~ 90% don't condense
Power supply mode	1,2(+),3,6(-) Check and then supply power
Indicator light	Power/PoE Status



# [WC-PSE803G]

## Product characteristics



- 48~56VDC strong supply type output voltage
- Single-port PoE power supply, output power up to 15.4W
- Output voltage :DC48-56VDC
- Good safety performance, with surge protection device
- Supports 10/100/1000Mbps network bandwidth
- Built-in power supply, plug and play, no management

## Scope of application

PoE camera, wireless ceiling AP, advertising machine, VoIP phone

Product parameter	
Type	PoE injector
Support protocol	IEEE802.af
Port	POE:10/100/1000M network + power supply, LAN: connects to a common router, switch, and Internet
Network medium	1000 BASE-TX: Category 5 or higher unshielded twisted pair cables
Output voltage	48 to 56VDC 15.4W
Input voltage	AC100V~240V,50-60HZ
Input current	0.3A@ 100~240 VAC
Temperature	Working temperature: 25 ° C - 65 ° C storage temperature: - 40 ° C - 85° C Work humidity: 10% ~ 90% condensation storage humidity: 5% ~ 90% don't condense
Power supply mode	1/2(+),3/6(-) First detect and then power supply Power/PoE Status
Indicator light	Power/PoE Status

# [WC-PSE90B01]

## Product characteristics



- Complies with the IEEE802.3bt standard
- 100 to 240V AC voltage input range
- Upper limit Class 8
- Automatic detection of power supply devices with valid signatures (PD)
- PD automatically allocates power through negotiation
- Dimensions :170\*70\*40mm

## Scope of application

PoE camera, wireless ceiling AP, advertising machine, VoIP phone

Product parameter	
Type	PoE injector
Support protocol	IEEE802.3af,IEEE802.3at,IEEE802.3bt
Port	In line with EE802.3bt standard, with 10/100/1000Mbps transmission rate input port; DATA: With 10/100/1000Mbps transfer rate
Basic function	bt standard (backward compatible at/af) maximum transmission distance of 100m, plug and play without management
Indicator light	Input power indicator, power protocol indicator
Input	Has 10/100/1000Mbps transmission rate input port
Output	Compliant with IEEE802.3bt standard, with 10/100/1000Mbps transmission rate output port
Temperature	Working temperature: 25 ° C - 65 ° C storage temperature: - 40 ° C - 85° C Work humidity: 10% ~ 90% condensation storage humidity: 5% ~ 90% don't condense
Power supply mode	Support terminal access method (1/2+,3/6-) and intermediate crossover method (4/5+,7/8-)
Power	Output power 53V/1.7A(Upper Class 8)

[ S600P-4G-1TS-BT ]



Product characteristics

- All gigabits comply with IEEE802.3bt standard protocol
- High quality and high speed network IC and the most stable PoE chip
- 10/100M/1000M Ethernet provides seamless connectivity
- Non-poe device intelligent detection does not supply power but only transmits data

Scope of application

metro fiber broadband network, broadband private network

Product parameter

Type	4 Port Full Gigabit 1 optical PoE switch BT standard
PoE port	Ports 1-4 support IEEE802.3af/at/poe++/bt with a maximum power of 90W
Port	4 x 10/100/1000M RJ45 POE port, 1 x 10/100/1000M RJ45 uplink port 1 x 1000M SFP
supply polarity	af/at/poe++/bt:12+45+ 36-78-
PoE total power	Max. 360W
Power supply	Built-in power AC:100-240Vac50-60Hz9.7A Max 365W
Bandwidth	10Gbps/8.92 Mpps
Temperature	Operating temperature/humidity -10~+55° C; 5%~90% non-solidifying Storage temperature/humidity -40~+75° C; 5% to 95% non-solidifying
Package size	335*200*45mm; 410*278*95mm
Gross weight	2.1kg/2.6kg
Transmission distance	10 MB :Cat3,4,5 UTP(≤250 m)100 MB :Cat5 or later UTP(150 m) 1000 MB :Cat6 or later UTP(150 m)

[ S5800P-8G-1TS-BT ]



Product characteristics

- All gigabits comply with IEEE802.3bt standard protocol
- The protocol uses high quality and high speed network IC and the most stable PoE chip
- Non-poe device intelligent detection does not supply power but only transmits data

Scope of application

IP telephone, wireless access AP,Metro fiber broadband network

Product parameter

Type	9 Port Full Gigabit 1 optical PoE switch BT standard
PoE port	Ports 1-8 support IEEE802.3af/at/poe++/bt with a maximum power of 90W
Port	8 x 10/100/1000M RJ45 POE port, 1 x 10/100/1000M RJ45 uplink port 1 x 1000M SFP
supply polarity	af/at/poe++/bt:12+45+ 36-78-
PoE total power	Max. 800W
Power supply	Built-in power AC:100-240Vac50-60Hz9.7A Max 808W
Bandwidth	14.88 Mpps
Temperature	Operating temperature/humidity -10~+55° C; 5%~90% non-solidifying Storage temperature/humidity -40~+75° C; 5% to 95% non-solidifying
Package size	440*240*45mm; 515*375*95mm
Gross weight	3.3kg/4.0kg
Transmission distance	10 MB :Cat3,4,5 UTP(≤250 m)100 MB :Cat5 or later UTP(150 m) 1000 MB :Cat6 or later UTP(150 m)



[ S5800P-24G-4TC-BT ]



Product characteristics

- All gigabits comply with IEEE802.3bt standard protocol
- High quality and high speed network IC and the most stable PoE chip
- 10/100M/1000M Ethernet provides seamless connectivity
- Non-poe device intelligent detection does not supply power but only transmits data

Scope of application

metro fiber broadband network, broadband private network

Product parameter	
Type	28 Port Full Gigabit 4 optical PoE switch BT standard
PoE port	Ports 1-24 support IEEE802.3af/at/poe++/bt with a maximum power of 90W
Port	4 x 10/100/1000M RJ45 PoE port, 1 x 10/100/1000M RJ45 uplink port 1 x 1000M SFP
supply polarity	af/at/poe++/bt:12+45+ 36-78-
PoE total power	Max. 800W (optional dual power supply 800W*2=1600W)
Power supply	Built-in power supply AC:100-240Vac 50-60Hz 10A Max 825W
Bandwidth	56Gbps/41.67 Mpps
Temperature	Operating temperature/humidity -10~+55° C; 5%~90% non-solidifying Storage temperature/humidity -40~+75° C; 5% to 95% non-solidifying
Package size	440*290*45mm; 515*375*95mm
Gross weight	3.9 kg / 4.8 kg
Transmission distance	10 MB :Cat3,4,5 UTP(S250 m)100 MB :Cat5 or later UTP(150 m) 1000 MB :Cat6 or later UTP(150 m)

[ WC-SWTG3448S ]



Product characteristics

- L3 management, support DHCP Server, QoS, ACL Control, SNMP V1/V2/V3, IGMP Snooping v1/v2;
- Support STP/RSTP/MSTP (ERPS), Support loop detection and self-healing, remote loopback monitoring and control (802.3ah OAM);
- Supports multiple VLAN divisions, MAC VLAN, protocol VLAN, and Private VLAN;
- Support IP address +MAC address +VLAN+ port binding, DHCP Snooping, IP source and DAI protection.;

Scope of application

Metro fiber broadband network, Broadband private network

Product parameter	
Type	Support IEEE 802.1d, IEEE 802.1W, IEEE 802.1S, IEEE802.1pP, IEEE802.3, IEEE 802.3U, IEEE 802.3x, IEEE802.3z, IEEE 802.3AB, IEEE 802.3ae standard;
Port	48 gigabit ports; Four 10-gigabit SFP + ports 1 RJ45 Console port; 1 USB port
Operating voltage	AC100-240V 50/60Hz
Total power	Max. 606W
Power supply	52V 11.5A/ 12V 8A
Bandwidth	176Gbps/131Mpps
Temperature	Operating temperature 0~40° C; humidity 10%~90% non-solidifying Storage temperature -40~+70° C; humidity5% to 95% non-solidifying
Package size	440*280*44mm; 500*365*85mm
Gross weight	3.87 kg / 4.7 kg
Port mirroring	One to one monitor; Many to one monitor; Ingress/Egress/Both; Up to 4 session groups
Port mirroring	MAC address restriction; Statically secure MAC; Protect/Restrict/Shutdown

## [HX1631SR]



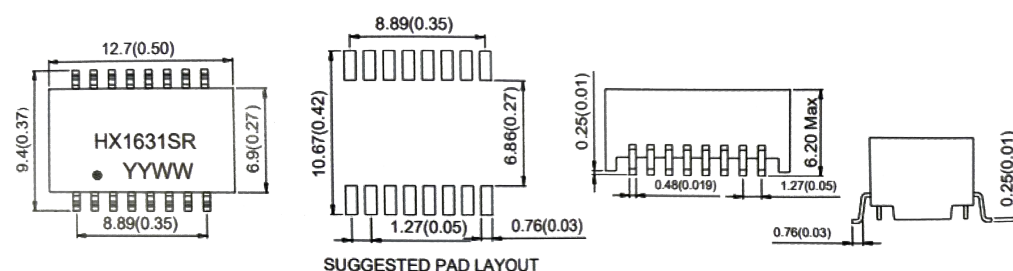
### Product characteristics

- 100 Mbit Network filter (100 Mbit Network Transformer)
- SOP16 patch package
- Operating temperature range : -40~+80°C, 90%RH
- Support POE power supply

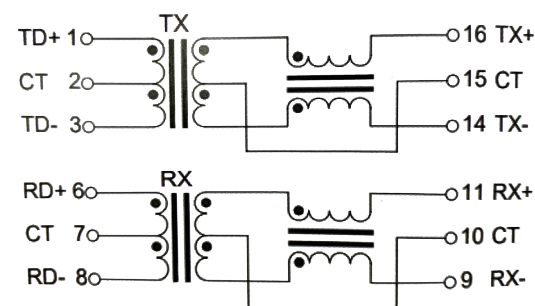
### Scope of application

Wireless AP, RFID reader, industrial data acquisition terminal

### Product size



### Schematic drawing



### Product selection

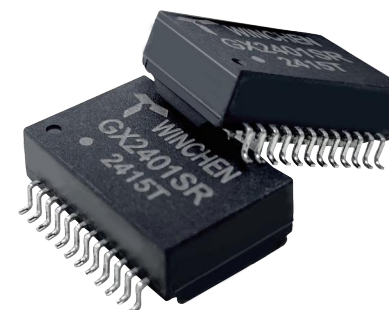
H1601SR

GC1326

WC1102

## [GX2401SR]

## 型号/Model



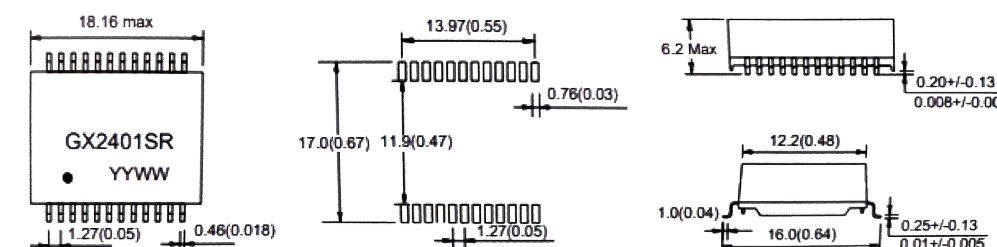
### Product characteristics

- 1000 Mbit Network filter (1000 Mbit Network Transformer)
- SOP24 patch package
- Operating temperature range : -40~+80°C, 90%RH
- Support POE power supply

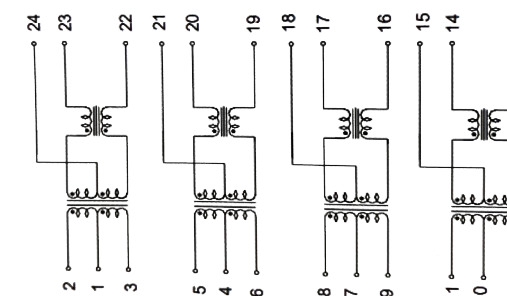
### Scope of application

Wireless AP, RFID reader, industrial data acquisition terminal

### Product size



### Schematic drawing



### Product selection

G2401SR

G2401PR

WC5040C



[5A 1\*1 8P8C full package with light left yellow right green]



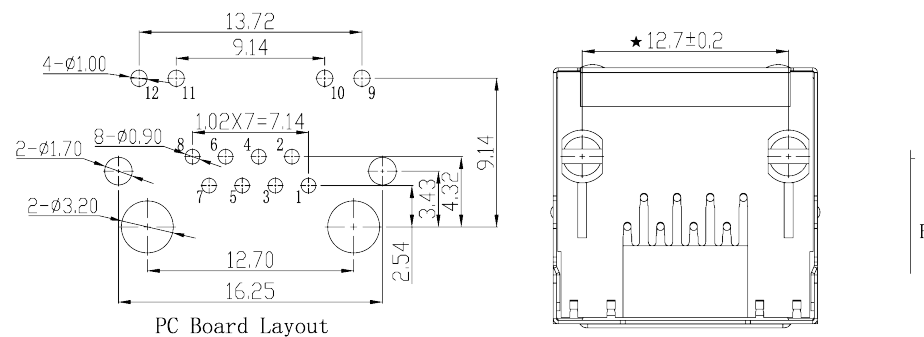
#### Product characteristics

- RJ45 single port
- Full package shielding with double lights
- Operating temperature range : -40~+80°C, 90%RH

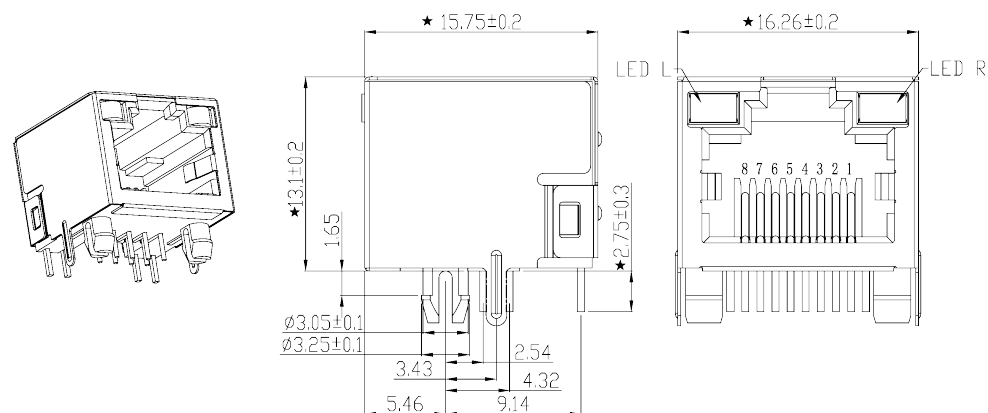
#### Scope of application

PoE smoke detector, redundant power system, IP network camera

#### Product size



#### Schematic drawing



[WC200805DP]



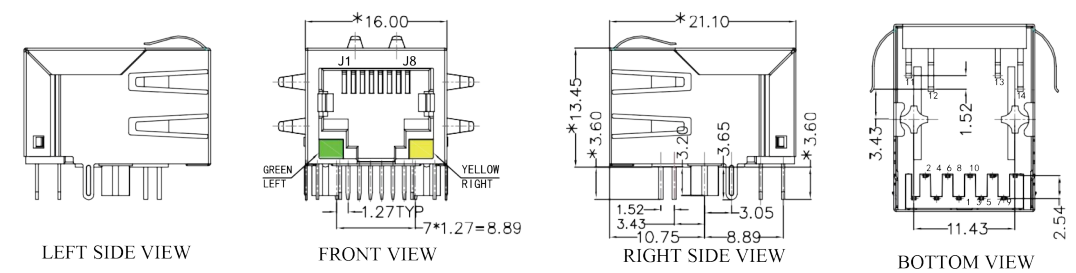
#### Product characteristics

- Integrated RJ45 built-in network transformer
- With double lights, buckle full package shielding
- Operating temperature range : -40~+80°C, 90%RH
- Support POE power supply

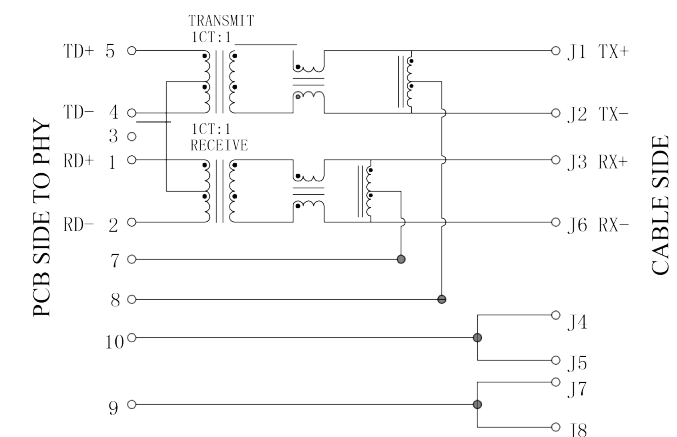
#### Scope of application

PoE smoke detector, redundant power system, IP network camera

#### Product size



#### Schematic drawing



## [ GP2421SR ]



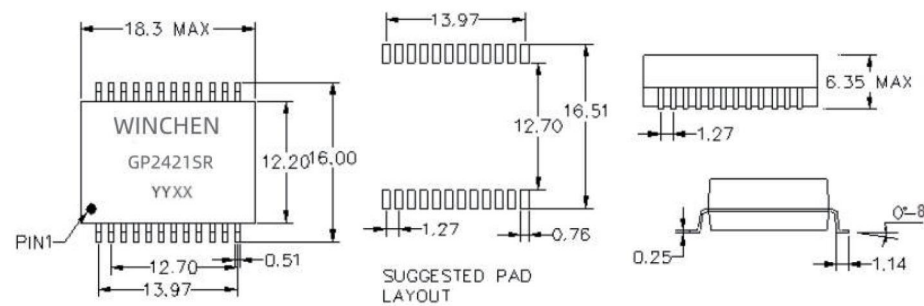
### Product characteristics

- Gigabit network filter (1000M/2.5G network transformer)
- SOP24 patch package
- Operating temperature range : -40~+80°C, 90%RH
- Supports BT standard PoE power supply

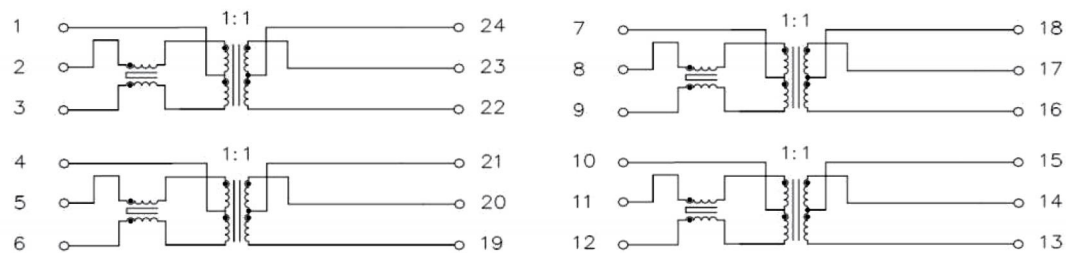
### Scope of application

PoE smoke detector, redundant power system, IP network camera

### Product size



### Schematic drawing



## [ WC7008-10G ]



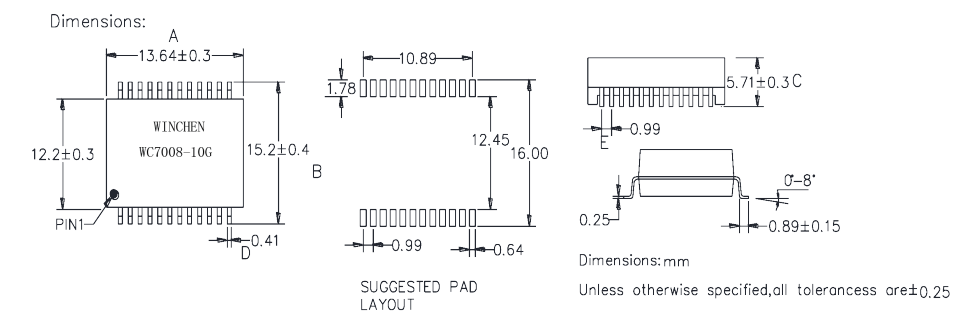
### Product characteristics

- 10 Gigabit Network Filter (10G Network Transformer)
- SOP24 patch package
- Operating temperature range : -40~+80°C, 90%RH
- Supports BT standard POE power supply

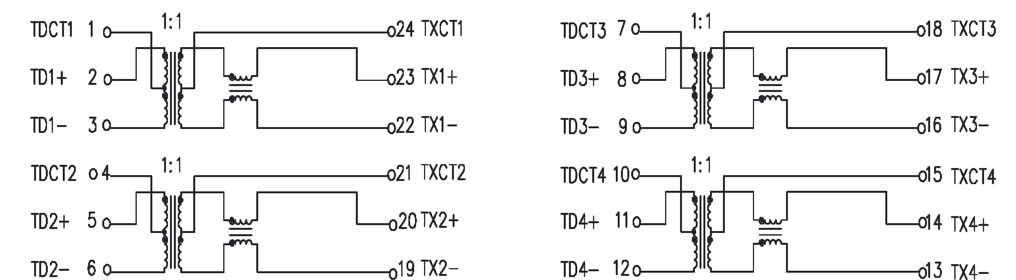
### Scope of application

PoE smoke detector, redundant power system, IP network camera

### Product size



### Schematic drawing



## [WC5407-5G]



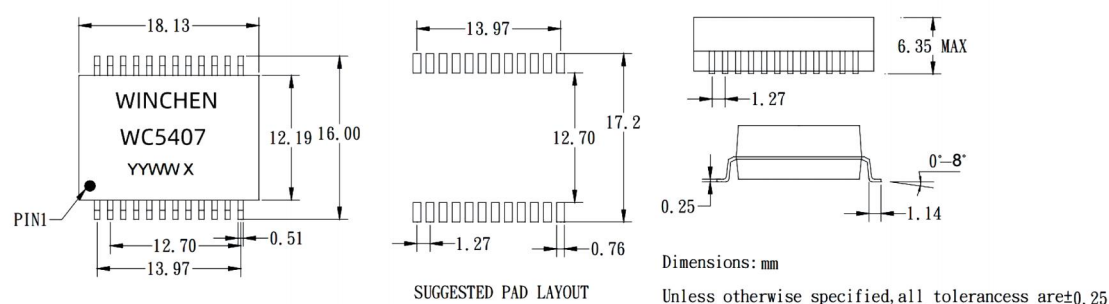
### Product characteristics

- 10 Gigabit Network Filter (5G Network Transformer)
- SOP24 patch package
- Operating temperature range : -40~+80°C, 90%RH
- Supports BT standard POE power supply

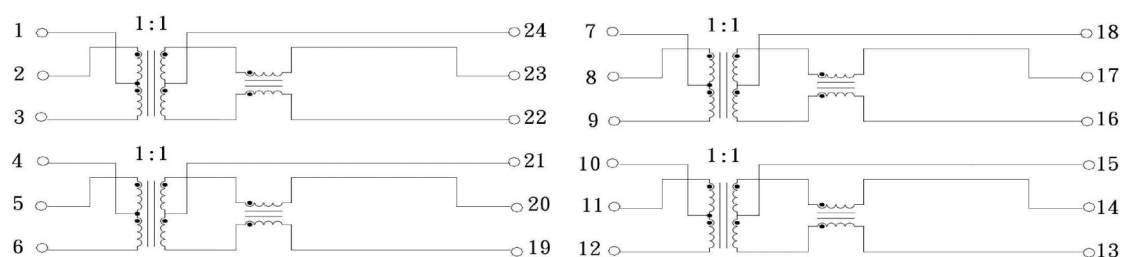
### Scope of application

Wireless AP, gateway equipment, industrial data acquisition terminal

### Product size



### Schematic drawing



## [WC5408-10G]



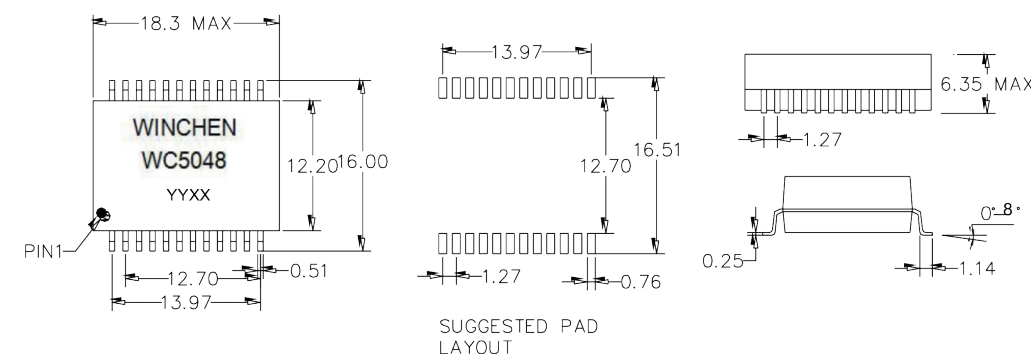
### Product characteristics

- 10 Gigabit Network Filter (10G Network Transformer)
- SOP24 patch package
- Operating temperature range : -40~+80°C, 90%RH
- Supports BT standard POE power supply

### Scope of application

PoE smoke detector, redundant power system, IP network camera

### Product size



### Schematic drawing

