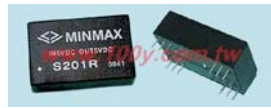


# Power Supplies & UPS

## DC/DC Single Output Power Converters

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



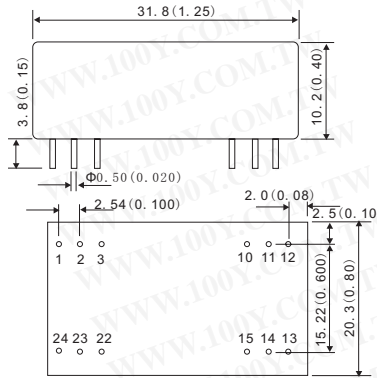
S200R Series

**FEATURES:**

- Low Cost
- Regulated Outputs
- 40mV P-P Ripple and Noise
- I/O Isolation 500VDC
- Short Circuit Protection
- Industry Standard Pinout
- MTBF > 800,000 Hours

**SPECIFICATIONS:**

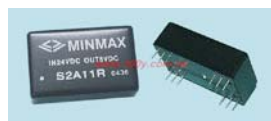
Operating temperature: Ambient: -25°C~+71°C Case: -25°C~+90°C  
 Storage temperature: -40°C~+125°C  
 Output short circuit: Continuous  
 Load regulation: I<sub>o</sub>=10% to 100% Typ. ±0.2% Max. ±0.5%  
 Ripple & Noise (20MHz): Max: 5mV rms.



Pin	Single output	Dual output
1	+Vin	+Vin
2	NC	-Vout
3	NC	Common
10	-Vout	Common
11	+Vout	+Vout
12	-Vin	-Vin
13	-Vin	-Vin
14	+Vout	+Vout
15	-Vout	Common
22	NC	Common
23	NC	-Vout
24	+Vin	+Vin

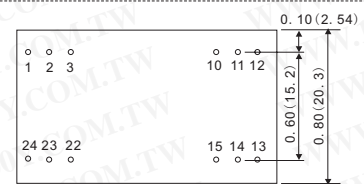
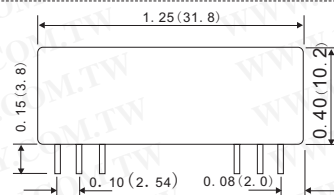


Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	Watts	Efficiency %
16810	S211R	MINMAX	DC to DC Single Output Power Converters	5VDC	21.6~26.4V/163mA	400mA	2W	51%



**FEATURES:**

- Low Cost
- Regulated Outputs
- 40mV P-P Ripple and Noise
- I/O Isolation 500 VDC
- Short Circuit Protected
- MTBF > 600,000 Hours



Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	Watts	Efficiency %
35593	S2A11R	MINMAX	DC to DC Single Output Power Converters	5VDC	21.6~26.4V/210mA	600mA	3W	60%



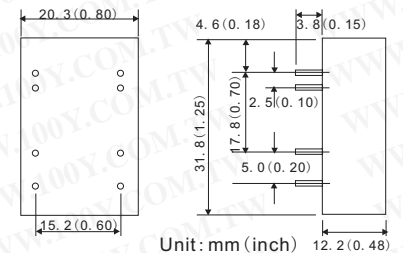
SCW03A-03

**FEATURES:**

- 2:1 wide input range
- 100% burn-in test
- 1000VDC I/O ISOLATION
- Input pi network filter
- 1 year warranty
- Protection: short circuit/overload
- Cooling by free air convection
- Five-sided shield metal case
- Low cost, high reliability



Pin no.	Output	
	Single	Dual
2 & 3	-Vin	-Vin
9	N. C.	COM
11	N. C.	-Vout
14	+Vout	+Vout
16	-Vout	COM
22 & 23	+Vin	+Vin



Unit: mm (inch)

**SPECIFICATIONS:**

Voltage set point accuracy: ±2% (max.)  
 Line regulation: ± 0.5% (max.)  
 Load regulation: ± 0.5% (max.) @20~100% load  
 Efficiency: 76% (typical)

Overload protections: 150~250%, auto-recovery  
 I/O isolation voltage: 1000VDC (min)  
 I/O isolation voltage: 100MΩ(min.) @500VDC  
 Short circuit protection: CONTINUOUS, auto-recovery

Temp. coefficient: ±0.03% / °C (max.)  
 Working temp., humidity: -25°C~+60°C(NO DERATING); +71°C@80% load  
 Storage temp., Humidity: -25°C~+105°C

Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	Watts	Efficiency %
21207	SCW03A-05	MEAN WELL	DC to DC Single Output Power Converters	5VDC	9~18VDC	0.6A	3W	>76% @full load, nominal I/P
21208	SCW03A-12	MEAN WELL	DC to DC Single Output Power Converters	12VDC	9~18VDC	0.25A	3W	>76% @full load, nominal I/P
21209	SCW03A-15	MEAN WELL	DC to DC Single Output Power Converters	15VDC	9~18VDC	0.2A	3W	>76% @full load, nominal I/P
21210	SCW03B-05	MEAN WELL	DC to DC Single Output Power Converters	5VDC	18~36VDC	0.6A	3W	
21211	SCW03B-12	MEAN WELL	DC to DC Single Output Power Converters	12VDC	18~36VDC	0.25A	3W	
8414	SCW03B-15	MEAN WELL	DC to DC Single Output Power Converters	15VDC	18~36VDC	0.2A	3W	
21212	SCW03C-05	MEAN WELL	DC to DC Single Output Power Converters	5VDC	36~72VDC	0.6A	3W	
21213	SCW03C-12	MEAN WELL	DC to DC Single Output Power Converters	12VDC	36~72VDC	0.25A	3W	
21214	SCW03C-15	MEAN WELL	DC to DC Single Output Power Converters	15VDC	36~72VDC	0.2A	3W	

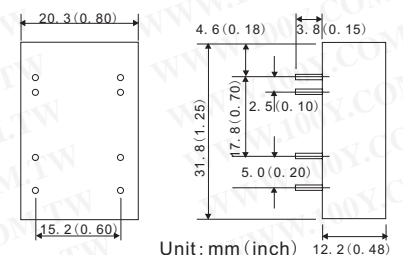


SCW03A-05

**FEATURES:**

- 2:1 wide input range
- 100% burn-in test
- 1000VDC I/O ISOLATION
- Input pi network filter
- 1 year warranty
- Protection: short circuit/overload
- Cooling by free air convection
- Five-sided shield metal case
- Low cost, high reliability

Pin no.	Output	
	Single	Dual
2 & 3	-Vin	-Vin
9	N. C.	COM
11	N. C.	-Vout
14	+Vout	+Vout
16	-Vout	COM
22 & 23	+Vin	+Vin



Unit: mm (inch)



T E L : Taiwan: 886-3-5753170  
 F A X : Taiwan: 886-3-5753172  
 E-mail: Taiwan: sale@100y.com.tw

Shenzhen: 86-755-83298787  
 Shenzhen: 86-755-83640655  
 Shenzhen: 100y@163.com

Shanghai: 86-21-54151736  
 Shanghai: 86-21-64605107  
 Shanghai: 100y-1@163.com