



# 电源供应器+转换器+UPS

## 直流转直流-单组电源转换器

详细产品规格 - 请点击 [cn.100y.com.tw](http://cn.100y.com.tw)

| 100Y 编号 | 厂商编号    | 制造厂商   | 说明                                    | DCVout | DCVin | Current    | Watts | Efficiency % |
|---------|---------|--------|---------------------------------------|--------|-------|------------|-------|--------------|
| 18396   | MKW3032 | MINMAX | 2:1 Wide Input Range DC/DC Converters | 5VDC   | 24VDC | 240-4000mA | 20W   | 85%          |
| 18381   | MKW3033 | MINMAX | 直流转直流-单组-电源转换器                        | 12VDC  | 24V   | 100-1670mA | 20W   | 89%          |



### 特点:

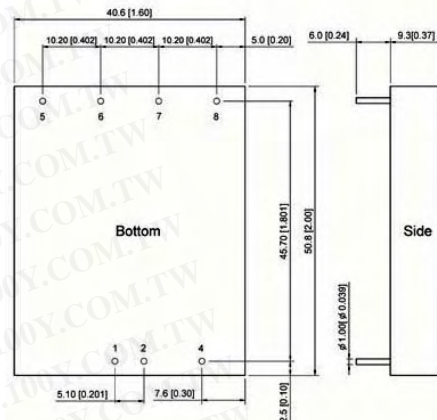
- 超高效率高达 89%
- Low Profile : 9.3mm
- 2:1 Input Range
- I/O Isolation 1500VDC
- 输出整齐作用
- 远开关控制
- 软启动
- 短路保护
- 热量装置
- 定电压保护
- 六边铠装盒
- EMI Complies With EN55022 Class A
- MTBF > 1,000,000 Hours

### 规格:

运行温度: 四周: -40°C~+50°C Case: -40°C~+105°C  
 存储温度: -50°C~+125°C  
 短路保护连续  
 负载变动率: I<sub>o</sub>=10% to 100% Typ. ±0.1% Max. ±0.5%  
 波纹 & 噪声(20MHz): Max: 10mV rms.



| Pin | Single output | Dual output   |
|-----|---------------|---------------|
| 1   | +Vin          | +Vin          |
| 2   | -Vin          | -Vin          |
| 4   | Remote on/off | Remote on/off |
| 5   | No Pin        | +Vout         |
| 6   | +Vout         | Common        |
| 7   | -Vout         | -Vout         |
| 8   | Trim          | Trim          |

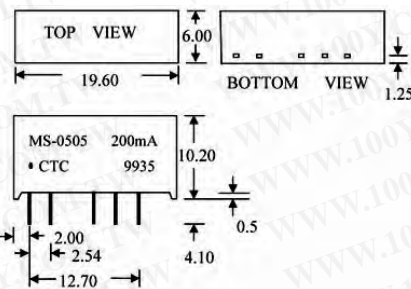


| 100Y 编号 | 厂商编号    | 制造厂商   | 说明               | DCVout | DCVin | Current    | Watts  | Efficiency % |
|---------|---------|--------|------------------|--------|-------|------------|--------|--------------|
| 18395   | MPW1032 | MINMAX | DC/DC Converters | 5VDC   | 24VDC | 350-5000mA | 25-30W | 85%          |



### 规格:

输入电压范围.....±10%  
 输入过滤器.....Capacitor.  
 输入电压准确性.....±5%  
 线电压变动率.....1.2%Typ./1%Of Vin  
 负载电压变动率  
 (10%~100%)-5V 输出型号.....15% Max.  
 9V,12V and 15V 输出型号.....10% Max.  
 波纹 & 噪声/20MHz BW.....100mV P-P Max.  
 隔离电压.....1000Vdc Min.  
 短路保护.....1.0 Second  
 运行温度范围.....-40°C to 85°C  
 存储温度范围.....-55°C to 125°C  
 隔离准确性.....75pF Typ.  
 包装重量.....2.2g



| Pin no. | Function |
|---------|----------|
| 1       | +VIN     |
| 2       | -VIN     |
| 4       | NC       |
| 5       | -VOUT    |
| 6       | +VOUT    |

| 100Y 编号 | 厂商编号    | 制造厂商 | 说明             | DCVout | DCVin                   | Current | Watts | Efficiency % |
|---------|---------|------|----------------|--------|-------------------------|---------|-------|--------------|
| 37095   | MS-0505 | CTC  | 直流转直流-单组-电源转换器 | 5      | 1.8,3.3,5.9,12,15,24Vin | 200mA   | 1W    | 70%          |

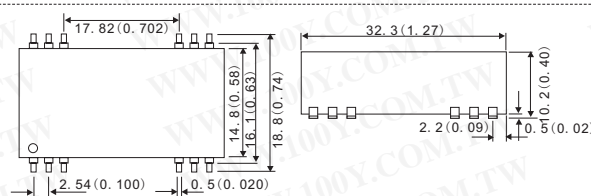


### 特点:

- 高效率高达83%
- 2:1 Input Range
- I/O Isolation 1500VDC
- SMT 技术
- 短路保护
- MTBF > 1,000,000 Hours

### 规格:

运行温度: 四周: -40°C~+71°C Case: -40°C~+90°C  
 存储温度: -40°C~+125°C  
 短路保护连续  
 负载变动率: I<sub>o</sub>=10% to 100% Typ. ±0.3% Max. ±1.0%  
 波纹 & 噪声(20MHz): Max: 10mV rms.



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

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|---------|----------|--------|---------------------------------------|--------|-----------------|----------|-------|--------------|
| 21412   | MSIW1021 | MINMAX | 2:1 Wide Input Range DC/DC Converters | 3.3VDC | 12VDC(9~18Vin)  | 70~700mA | 3W    | 75%          |
| 21413   | MSIW1022 | MINMAX | 2:1 Wide Input Range DC/DC Converters | 5VDC   | 12VDC(9~18Vin)  | 60~600mA | 3W    | 79%          |
| 21414   | MSIW1023 | MINMAX | 2:1 Wide Input Range DC/DC Converters | 12VDC  | 12VDC(9~18Vin)  | 25~250mA | 3W    | 82%          |
| 21415   | MSIW1024 | MINMAX | 2:1 Wide Input Range DC/DC Converters | 15VDC  | 12VDC(9~18Vin)  | 20~200mA | 3W    | 82%          |
| 21419   | MSIW1031 | MINMAX | 2:1 Wide Input Range DC/DC Converters | 3.3VDC | 24VDC(18~36Vin) | 70~700mA | 3W    | 76%          |
| 21420   | MSIW1032 | MINMAX | 2:1 Wide Input Range DC/DC Converters | 5VDC   | 24VDC(18~36Vin) | 60~600mA | 3W    | 80%          |
| 21422   | MSIW1033 | MINMAX | 2:1 Wide Input Range DC/DC Converters | 12VDC  | 24VDC(18~36Vin) | 25~250mA | 3W    | 83%          |
| 21423   | MSIW1034 | MINMAX | 2:1 Wide Input Range DC/DC Converters | 15VDC  | 24VDC(18~36Vin) | 20~200mA | 3W    | 83%          |
| 21427   | MSIW1041 | MINMAX | 2:1 Wide Input Range DC/DC Converters | 3.3VDC | 48VDC(36~75Vin) | 70~700mA | 3W    | 76%          |
| 21428   | MSIW1042 | MINMAX | 2:1 Wide Input Range DC/DC Converters | 5VDC   | 48VDC(36~75Vin) | 60~600mA | 3W    | 80%          |
| 21429   | MSIW1043 | MINMAX | 2:1 Wide Input Range DC/DC Converters | 12VDC  | 48VDC(36~75Vin) | 25~250mA | 3W    | 83%          |
| 21430   | MSIW1044 | MINMAX | 2:1 Wide Input Range DC/DC Converters | 15VDC  | 48VDC(36~75Vin) | 20~200mA | 3W    | 83%          |



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