



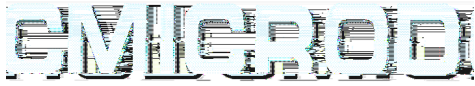


Professional Power Module

**WRE-YS-1W&WRF-YS-1W** GYf]Yg

### ISOLATION SPECIFICATIONS

Isolation voltage	Tested for 1 minute and 1mA max	3000	VDC
Isolation resistance	Test at 500VDC	1000	MΩ
Isolation capacitance			

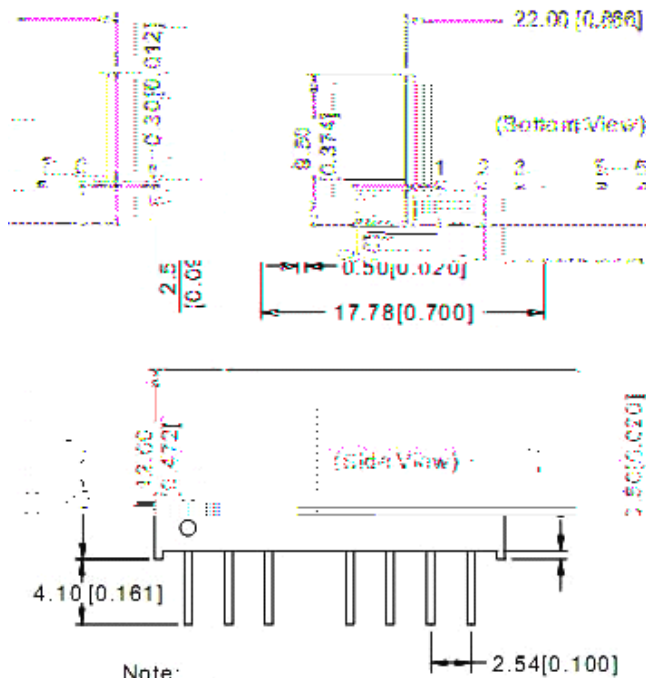


Professional Power Module

WRE-YS-1W&WRF-YS-1W GYf]Yg

**OUTLINE DIMENSIONS & FOOTPRINT DETAILS**

**MECHANICAL DIMENSIONS**



Note:  
 Unit:mm [inch]  
 Pin section tolerances:  $\pm 0.10\text{mm} [\pm 0.004\text{inch}]$   
 General tolerances:  $\pm 0.25\text{mm} [\pm 0.010\text{inch}]$

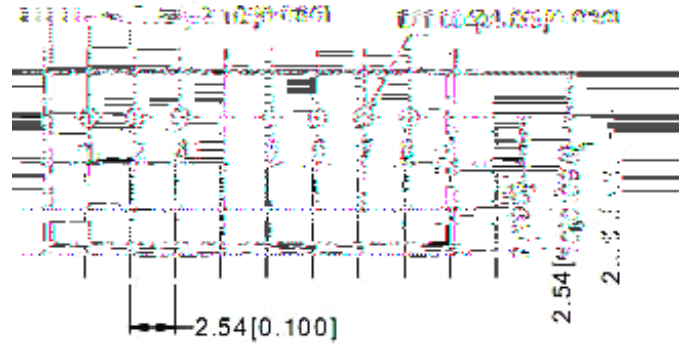
**FOOTPRINT DETAILS**

Pin	Single	Dual
1	GND	GND
2	Vin	Vin
3	CTRL	CTRL
5	NC	NC
6	+Vo	+Vo
7	0V	0V
8	CS	-Vo

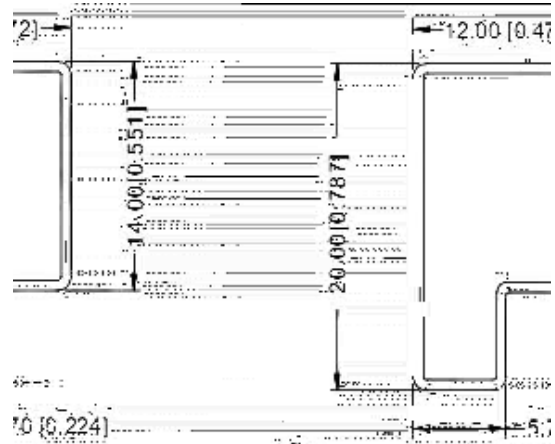
NC:N

**RECOMMENDED FOOTPRINT**

mm(0.1inch)  
 diameter:1.00mm(0.039inch)



**TUBE OUTLINE DIMENSIONS**



Unit :mm [inch]  
 General tolerances:  $\pm 0.50\text{mm} [\pm 0.020\text{inch}]$   
 L=530mm [20.866inch] Tube Quantity: 22pcs  
 L=220mm [8.661inch] Tube Quantity: 8pcs

Note:

1. The load shouldn't be less than 10%, otherwise ripple will increase dramatically.
2. Operation under 10% load will not damage the converter; However, they may not meet all specification listed.
3. All specifications measured at  $T_a=25^\circ\text{C}$ , humidity<75%, nominal input voltage and rated output load unless otherwise specified.
4. In this datasheet, all the test methods of indications are based on corporate standards.
5. Only typical models listed, other models may be different, please contact our technical person for more details.

**MICRODC**

Professional Power Module

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Website:http://www.microdc.cn



This series is compatible with RoHS soldering systems with a peak wave solder temperature of  $300^\circ\text{C}$  for 10 seconds.

The pin termination finish on the SIP package type is Tin Plate, Hot Dipped over Matte Tin with Nickel Preplate. The DIP types are Matte Tin over Nickel Preplate. Both types in this series are backward compatible with Sn/Pb soldering systems.



This series has proven that this product does not contain harmful chemicals, it also has harmful chemical substances through the registration, inspection and approval.