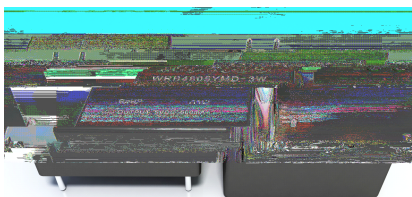




Professional Power Module

WRA-YMD-3W & WRB-YMD -3W

3W, WIDE INPUT, ISOLATED & REGULATED DUAL/SINGLE OUTPUT DC-DC CONVERTER



FEATURES

- Short Circuit Protection (automatic recovery)
- 1500VDC Isolation
- Operating Temperature: -40 85
- Non
- No external component required
- Internal SMD required
- Five sided metal shielding
- MTBF > 10000 hours

MODEL SELECTION

WRB¹ 48² 05³ Y⁴ M⁵ D⁶ -3W⁷

APPLICATIONS

The WRA_YMD-3W & WRB_YMD-3W Series are specially designed for applications where a wide range input voltage power supplies are isolated from the input power supply in a distributed power supply system on a circuit board.

These products apply to:

- 1) Where the voltage of the input power supply is wide range (Voltage

				± 5	± 300	± 30	
				± 12	± 125	± 12	
				± 15	± 100	± 10	
				± 5	± 300	± 30	
				± 12	± 125	± 12	
				± 15	± 100	± 10	
				± 5	± 300	± 30	
				± 12	± 125	± 12	
				± 15	± 100	± 10	
				± 5	± 300	± 30	
				± 12	± 125	± 12	
				± 15	± 100	± 10	
	110	72-144	155	12	250	25	80
	110	72-144	155	24	125	12	78

WVK5



CE REACH



Professional Power Module

WRA-YMD-3W & WRB-YMD -3W GYf]Yg

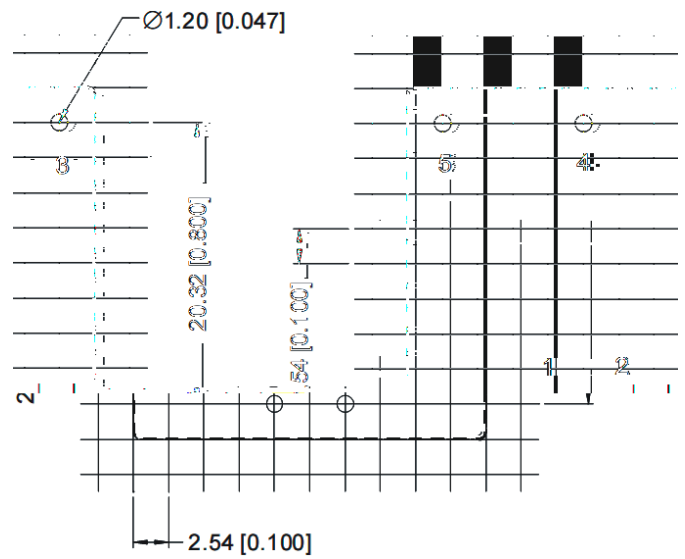
Requirement on output load

In order to ensure the product operate efficiently and Reliably, in addition to a max load (namely full load), a Minimum load is specified for this

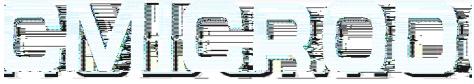
WE-

MECHANICAL DIMENSIONS

RECOMMENDED FOOTPRINT



RECOMMENDED FOOTPRINT
Top view grid: 2.54mm (0.1inch)
diameter: 1.00mm (0.039inch)



Professional Power Module

WRA-YMD-3W & WRB-YMD -3W GYf]Yg

OUTLINE DIMENSIONS & FOOTPRINT DETAILS

FOOTPRINT DETAILS

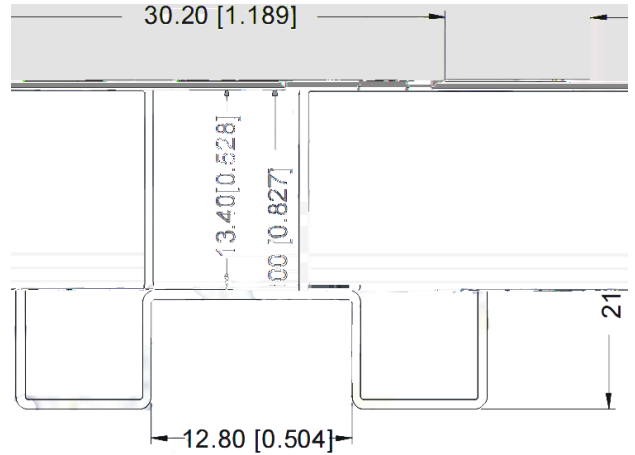
NC: No connection

When the environment temperature is higher than 71 , the product output power should be less than 60% of the rated power.

No parallel connection or plug and play.

Use dual output simultaneously, forbid opening output pin (OV) to use as single output.

TUBE OUTLINE DIMENSIONS



Note:

Unit : mm [inch]

General tolerances: ± 0.50mm [± 0.020 inch]

L=530mm [20.866 inch] Tube Quantity: 19pcs

L=220mm [8.661 inch] Tube Quantity: 7pcs

MICRODC

Professional Power Module

Microdc Professional Power Module, Inc.

Tel : 0086-20-86000646 E-mail : tech@microdc.cn

Website: <http://www.microdc.cn>

