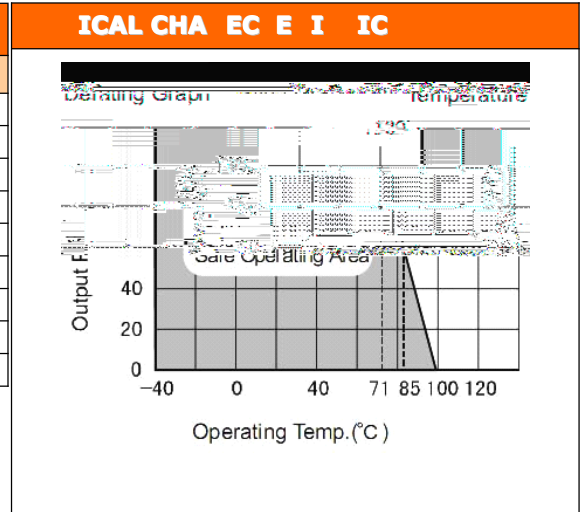




ELEC I	G IDE
%	%

SPECIFICATION					
			±	±	%
			±	±	%
	%	%	±	±	%
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APPLICATION

For applications requiring high efficiency and low ripple, the MICRODC module is ideal. It is designed for use in a wide range of industrial and commercial power supplies.

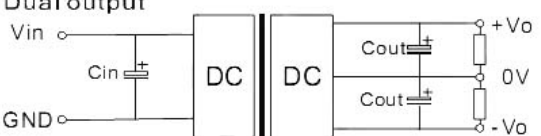
The module is available in two output configurations: dual output and single output. The dual output version provides both positive and negative outputs, while the single output version provides only a positive output.

The input voltage range is typically 10V to 24V, and the output voltage is adjustable. The maximum output current is limited by the input voltage and the load regulation of the module.

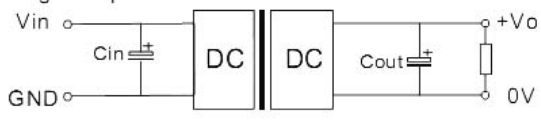
For more information, please contact our technical support team at tech@microdc.cn.

EXTERNAL CAPACITORS

Dual output

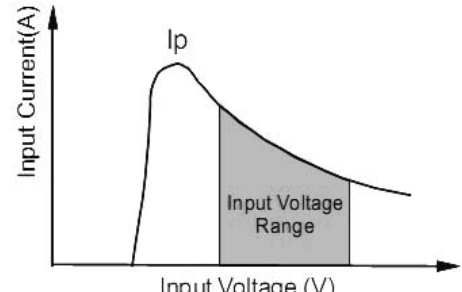


Single output



(Figure 1)

Input Current vs Input Voltage



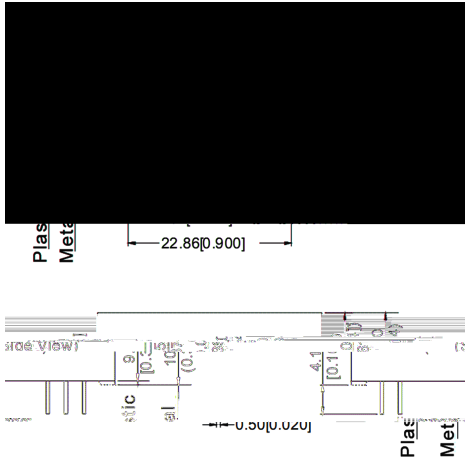
(Figure 2)

Output External Capacitor Table (Table 1)

Single Vout (VDC)	Cout (uF)	Dual Vout (VDC)	Cout (uF)
3.3	2200	±5	680
5	1000	±12	330
9	680	±15	220
12	470	-	-
15	330	-	-

LI E D I E I & F I D E A I L

E C H A I C A L D I E I

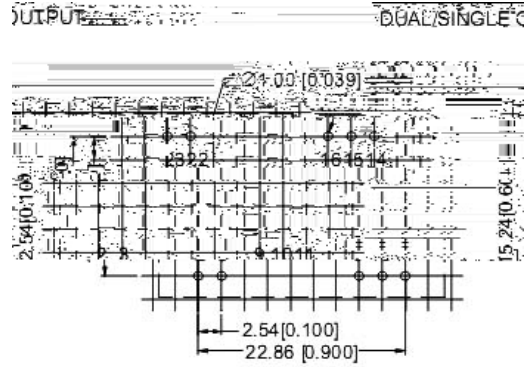


Note:
 Unit:mm[inch]
 Pin diameter tolerances:±0.10mm[±0.004
 inch]
 General tolerances:±0.25mm[±0.010inch]

FOOTPRINT DETAILS		
Pin	Single	Dual
2,3	GND	GND
9	NC	0V
10,15	NC	NC
11	NC	-Vo
14	+Vo	+Vo
16	0V	0V
22,23	Vin	Vin

NC:No connection

E C E D E D F I (I E)



B E L I E D I E I



RoHS COMPLIANT INFORMATION

This series is compatible with RoHS soldering systems with a peak wave solder temperature of 300°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.



REACH COMPLIANT INFORMATION

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