

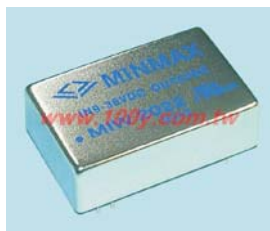


Power Supplies & UPS

DC/DC Single Output Power Converters

Detailed product specifications are available on: us.100y.com.tw

Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	Watts	Efficiency %
14183	MIW1112	MINMAX	DC to DC Single Output Power Converters	12V	4.5~9V	250mA	3W	74%
21464	MIW1113	MINMAX	DC to DC Single Output Power Converters	5VDC	4.5~9VDC	200mA	3W	74%
14187	MIW1121	MINMAX	DC to DC Single Output Power Converters	5VDC	9~18VDC	600mA	3W	76%
21465	MIW1122	MINMAX	DC to DC Single Output Power Converters	12VDC	9~18VDC	250mA	3W	80%
21466	MIW1123	MINMAX	DC to DC Single Output Power Converters	15VDC	9~18VDC	200mA	3W	80%
21468	MIW1131	MINMAX	DC to DC Single Output Power Converters	5V	18~36V	600mA	3W	77%
21469	MIW1132	MINMAX	DC to DC Single Output Power Converters	12V	18~36V	250mA	3W	81%
21470	MIW1133	MINMAX	DC to DC Single Output Power Converters	15V	18~36V	200mA	3W	81%
21471	MIW1141	MINMAX	DC to DC Single Output Power Converters	5V	36~75V	600mA	3W	77%
21472	MIW1142	MINMAX	DC to DC Single Output Power Converters	12V	36~75V	250mA	3W	81%
21473	MIW1143	MINMAX	DC to DC Single Output Power Converters	15V	36~75V	200mA	3W	81%



FEATURES:

- High Efficiency up to 85%
- 4:1 Input Range
- I/O Isolation 1500VDC
- Industry Standard Pinout
- SMT Technology
- Short Circuit Protection
- EMI Complies With EN55022 Class A
- MTBF > 1,000,000 Hours

SPECIFICATIONS:

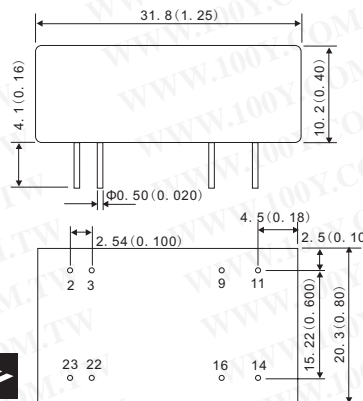
Operating temperature: Ambient: -40°C~+71°C Case: -40°C~+90°C

Storage temperature: -40°C~+125°C

Output short circuit: Continuous

Load regulation: Io=10% to 100% Typ. ±0.3% Max. ±1.0%

Ripple & Noise (20MHz): Max: 15mV rms.



MIW2000 Series

Pin	Single output	Dual output
2	-Vin	-Vin
3	-Vin	-Vin
9	No Pin	Common
11	NC	-Vout
14	+Vout	+Vout
16	-Vout	Common
22	+Vin	+Vin
23	+Vin	+Vin

Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	Watts	Efficiency %
18400	MIW2022	MINMAX	2:1 Wide Input Range DC/DC Converters	5VDC	24VDC	66-660mA	3-4W	81%



FEATURES:

- High Efficiency up to 86%
- High Power Density
- 2:1 Input Range
- I/O Isolation 1500VDC
- Industry Standard Pinout
- SMT Technology
- Short Circuit Protection
- EMI Complies With EN55022 Class A
- MTBF > 1,000,000 Hours

SPECIFICATIONS:

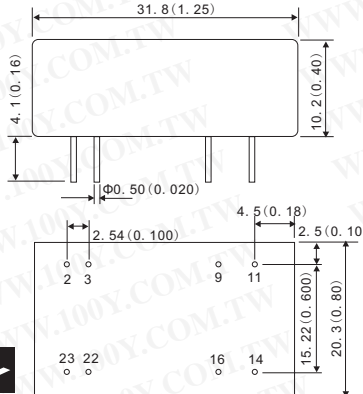
Operating temperature: Ambient: -40°C~+71°C Case: -40°C~+90°C

Storage temperature: -40°C~+125°C

Output short circuit: Continuous

Load regulation: Io=20% to 100% Typ. ±0.3% Max. ±1.0%

Ripple & Noise (20MHz): Max: 15mV rms.



Pin	Single output	Dual output
2	-Vin	-Vin
3	-Vin	-Vin
9	No Pin	Common
11	NC	-Vout
14	+Vout	+Vout
16	-Vout	Common
22	+Vin	+Vin
23	+Vin	+Vin

Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	Watts	Efficiency %
21492	MIW3011	MINMAX	2:1 Wide Input Range DC/DC Converters	3.3VDC	5VDC	60~1200mA	5-6W	75%
21491	MIW3012	MINMAX	2:1 Wide Input Range DC/DC Converters	5VDC	5VDC	50-1000mA	5-6W	79%
21499	MIW3013	MINMAX	2:1 Wide Input Range DC/DC Converters	12VDC	5VDC	25~500mA	5-6W	82%
21500	MIW3014	MINMAX	2:1 Wide Input Range DC/DC Converters	15VDC	5VDC	20~400mA	5-6W	82%
21493	MIW3021	MINMAX	2:1 Wide Input Range DC/DC Converters	3.3VDC	12VDC	60~1200mA	5-6W	77%
21490	MIW3022	MINMAX	2:1 Wide Input Range DC/DC Converters	5VDC	12VDC	50-1000mA	5-6W	81%
21498	MIW3023	MINMAX	2:1 Wide Input Range DC/DC Converters	12VDC	12VDC	25~500mA	5-6W	84%
21501	MIW3024	MINMAX	2:1 Wide Input Range DC/DC Converters	15VDC	12VDC	20~400mA	5-6W	84%
21494	MIW3031	MINMAX	2:1 Wide Input Range DC/DC Converters	3.3VDC	24VDC	60~1200mA	5-6W	79%
21489	MIW3032	MINMAX	2:1 Wide Input Range DC/DC Converters	5VDC	24VDC	50-1000mA	5-6W	83%
21497	MIW3033	MINMAX	2:1 Wide Input Range DC/DC Converters	12VDC	24VDC	25~500mA	5-6W	86%
21502	MIW3034	MINMAX	2:1 Wide Input Range DC/DC Converters	15VDC	24VDC	20~400mA	5-6W	86%
21495	MIW3041	MINMAX	2:1 Wide Input Range DC/DC Converters	3.3VDC	48VDC	60~1200mA	5-6W	79%
18402	MIW3042	MINMAX	2:1 Wide Input Range DC/DC Converter s	5VDC	48VDC	50-1000mA	5-6W	83%
21496	MIW3043	MINMAX	2:1 Wide Input Range DC/DC Converters	12VDC	48VDC	25~500mA	5-6W	86%
21503	MIW3044	MINMAX	2:1 Wide Input Range DC/DC Converters	15VDC	48VDC	20~400mA	5-6W	86%



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