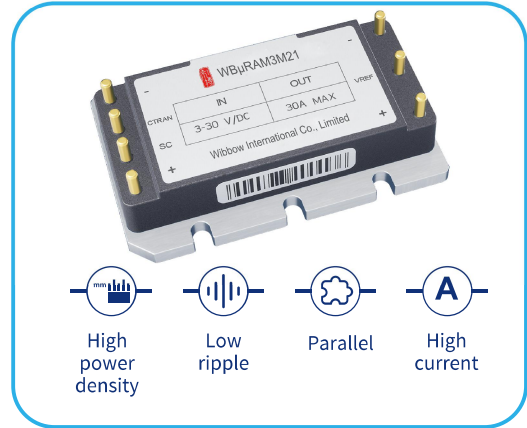




## WB $\mu$ RAM Series Ripple attenuation module

### Features

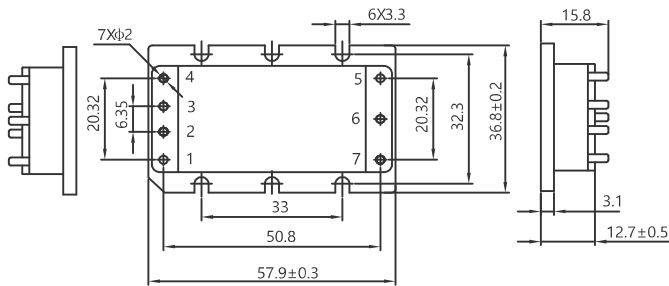
- Wide input voltage range: 3V ~ 30V
- High efficiency: 98%
- Output ripple:  $\leq 10\text{mV}$
- High-frequency ripple attenuation:  $> 40\text{dB}$  (1.1kHz-1MHz)
- Low-frequency ripple attenuation:  $> 40\text{dB}$  (100Hz-1.1kHz)
- Pin-to-Pin compatible with Vicor  $\mu$ RAM series
- Parallel expansion (reverse current protection)
- Match Vicor V300 and V375 series
- Operating temperature:  $-55^{\circ}\text{C}\sim 100^{\circ}\text{C}$  (non-derating)
- Quarter brick standard package:  $57.9 \times 36.8 \times 12.7\text{ mm}$
- Comply with the General Specification for Microcircuit Modules (SJ20668)



### Product specification

Product series	Input voltage range	Output ripple	differential pressure	Output current	Dynam response	Efficiency	progress
WB $\mu$ RAM2M21	3~30V	10mV	425mV	20A	50mV <sub>p-p</sub>	98%	Available
WB $\mu$ RAM3M21	3~30V	10mV	425mV	30A	50mV <sub>p-p</sub>	98%	Available
WB $\mu$ RAM4M21	3~30V	10mV	425mV	40A	50mV <sub>p-p</sub>	98%	Available

### Shape & Size



Pin No.	Label	Function
1	+IN	Positive input power terminal
2	SC	Control terminal
3	CTAN	External capacitor terminal
4	-IN	Negative input power terminal
5	-OUT	Negative output power terminal
6	VREF	Secondary side control
7	+OUT	Positive output power terminal

### Part Numbering

WB	$\mu$ RAM	2	M	2	1
Brand Name	Series name	Output Current	Temperature Grade	Pin form	Base plate
Wibbow	$\mu$ RAM Brick DC-DC Converter	2: 20A 3: 30A 4: 40A	M: $T_c: -55\sim 100^{\circ}\text{C}$ $T_s: -65\sim 100^{\circ}\text{C}$ H: $T_c: -40\sim 100^{\circ}\text{C}$ $T_s: -55\sim 100^{\circ}\text{C}$ T: $T_c: -40\sim 100^{\circ}\text{C}$ $T_s: -40\sim 100^{\circ}\text{C}$	2: Long pin	1: Slotting