



The NEW RELEASE of Miniature SMD DC/DC Converter

MOTIEN TECHNOLOGY is proud to present the new product

– FBW-2W Series



Feature:

- ✓ 2W with miniature SMD 12pin package
- ✓ Remote ON / OFF control
- ✓ **Wide 4: 1 input range**
- ✓ Operating temperature: -40°C ~ + 75 °C
- ✓ 3000 VDC isolation
- ✓ Efficiency is up to 81%
- ✓ Continuous short circuit protection
- ✓ Tube and tape & reel packing are available



Comparison between similar models from other competitors:

	MOTIEN - FBW - 2W	R brand - RTC2	T brand - TDR 2WI	T brand - TMR 2WISM
PIN Connections				
Package	SMD12 (Open Frame)	SMD12 (Open Frame)	SMD14	SMD14
Dimensions	0.58" x0.56" x0.35"	0.59" x0.56" x0.38"	0.74" x0.68" x0.35"	0.75" x0.67" x0.35"
Pinout compatibility	Compatible	Compatible	Incompatible	Incompatible
Input Voltage Range	4:1	2:1	4:1	4:1
Minimum Load Required	NO	NO	NO	NO
Ripple & Noise	100mVpk-pk	50mVpk-pk	30mVpk-pk	50mVpk-pk
Line Regulation	±0.2%	±0.2%	±0.2%	±0.5%
Load Regulation	±0.5%	±0.5%	±1.0%	±1.0%
Short Circuit Protection	YES	YES	YES	YES
Remote On/Off	YES	YES	YES	YES
Under Voltage Lockout	YES	NO	NO	NO
Isolation	3000VDC	3000VDC	1500VDC	1500VDC
Operating Temperature (For Full Load)	-40°C ~ 75°C	-40°C ~ 75°C (5Vin) -40°C ~ 85°C (24Vin)	-40°C ~ 85°C	-40°C ~ 70°C

