



## The NEW RELEASE of Miniature SMD DC/DC Converter

模甸科技 MOTIEN TECHNOLOGY 全新推出SMD包裝

### 直流對直流電源轉換器-FBW-2W Series



#### 產品特色：

- ✓ 2W 輸出功率 / SMD 12 PIN
- ✓ 4:1 寬範圍輸入電壓
- ✓ 隔離電壓高達3000 VDC
- ✓ 連續短路保護
- ✓ 可遙控開關裝置
- ✓ 操作溫度範圍：-40°C~+75°C
- ✓ 最高效率達 81%
- ✓ 可提供包裝管及捲帶盤包裝



#### FBW-2W 系列及其他公司相似產品規格比較表：

|                                       | MOTIEN - FBW - 2W           | R brand - RTC2                                  | T brand - TDR 2WI   | T brand - TMR 2WISM |
|---------------------------------------|-----------------------------|---|---------------------|---------------------|
| PIN Connections                       |                             |   |                     |                     |
| Package                               | <b>SMD12 ( Open Frame )</b> | SMD12 ( Open Frame )                            | SMD14               | SMD14               |
| Dimensions                            | <b>0.58" x0.56" x0.35"</b>  | 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                   | <b>4:1</b>                  | 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                       | <b>±0.2%</b>                | ±0.2%   | ±0.2%               | ±0.5%               |
| Load Regulation                       | <b>±0.5%</b>                | ±0.5%   | ±1.0%               | ±1.0%               |
| Short Circuit Protection              | YES                         | YES   | YES                 | YES                 |
| Remote On/Off                         | YES                         | YES   | YES                 | YES                 |
| Under Voltage Lockout                 | <b>YES</b>                  | NO  | NO                  | NO                  |
| Isolation                             | <b>3000VDC</b>              | 3000VDC   | 1500VDC             | 1500VDC             |
| Operating Temperature (For Full Load) | <b>-40°C ~ 75°C</b>         | -40°C ~ 75°C ( 5Vin )<br>-40°C ~ 85°C ( 24Vin ) | -40°C ~ 85°C        | -40°C ~ 70°C        |

