



The NEW RELEASE of SMD Switching Regulator

模甸科技 MOTIEN TECHNOLOGY 全新推出SMD包裝

直流對直流切換式穩壓器– SVRH-0.5 Series



產品特色：

- ✓ 0.5A 輸出電流 / SMD 10 PIN
- ✓ 非隔離式穩壓器
- ✓ 可調式輸出電壓 / 連續短路保護
- ✓ 可遙控開關裝置
- ✓ 極佳線變動率 & 負載變動率
- ✓ 操作溫度範圍：-40°C~+105 °C
- ✓ 最高效率達 92%
- ✓ 輸入電壓可達72V



模甸科技非隔離產品 SVR 系列之規格比較：

	SVR-1.0 series	SVRH-0.5 series
Dimension	0.60" x 0.47" x 0.15"	0.77" x 0.47" x 0.20"
Output current	1 A	0.5 A
Output Voltage (Vdc)	1.2 ~ 15	3.3 ~ 15
Input Voltage (Vdc)	3 ~ 5.5 / 4.6 ~ 36	9 ~ 72
Non-isolated	Yes	Yes
Short circuit protection	Yes	Yes
Adjustable output voltage	Yes	Yes
Remote ON/OFF	Yes	Yes
Ripple & noise	Output<7.5Vdc:50mVpk-pk, max. Output>7.5Vdc:75mVpk-pk, max.	75 mVpk-pk, max.
Line regulation	±0.2%, max.	± 1%, max.
Load regulation	± 0.6%, max. (From 10% to 100% Load)	± 1%, max. (From 0% to 100% Load)
Operating temperature	-40°C ~ 105°C (See Derating Curve) -40°C ~ 65°C (For 100% Load)	-40°C ~ 105°C (See Derating Curve) -40°C ~ 60°C (For 100% Load)
Efficiency	96%, max.	92%, max.
Heat sink	No need	No need

