



The NEW RELEASE of SMD Switching Regulator

MOTIEN TECHNOLOGY specializes in DC/DC Converters

and is proud to present the new product – **SVRH-0.5 Series**

> Feature:

- ✓ 0.5A output current / SMD 10 PIN
- ✓ Non-isolated regulator
- ✓ Adjustable output voltage
- ✓ Continuous short circuit protection
- ✓ Remote ON/OFF control
- ✓ Excellent line/load regulation
- ✓ Operating temperature: -40°C~+105 °C (Derating)
- ✓ Efficiency is up to 92%
- ✓ High voltage input range, up to 72V

> MOTIEN Non-isolated DC/DC Converter of SVR Series:

	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

