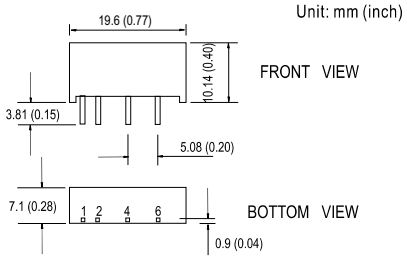
1W DC-DC Regulated Single Output

0.77"x 0.28"x 0.4"

- 1000VDC I/O isolation
- Internal SMD technology
- Input filter: capacitor type
- Protection: Short circuit
- Non-conductive plastic case
- Single in line package
- DIP package is available
- 100% full load burn-in test
- Low cost, high reliability
- 1 year warranty

Mechanism

Unit: mm (inch)



Pin configuration

Pin No.	Output
1	+Vin
2	-Vin
4	-Vout
6	+Vout

Voltage set point accuracy ····±2% (max.)

Line regulation ····±1% (max.)

Load regulation ····±1% (max.)@10~100% load

Efficiency ····60% (typical)

Short circuit protection ····Continuous, auto-recovery

Switching frequency ····50KHz (min.)

I/O isolation voltage ····1000VDC (min.)

I/O isolation resistance ····100MΩ (min.)

Isolation capacitance ····80pF (max.)

Working temperature ····-25°C to +60°C (no derating), +71°C@80% load

Storage temperature ····-25°C to +105°C

Temp. Coefficient ····±0.03% / °C (max.)

Case material ····non-conductive plastic

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
30441	SPR01L-05	5±10%	5	200	100
30442	SPR01L-09	5±10%	9	100	100
30443	SPR01L-12	5±10%	12	84	100
30444	SPR01L-15	5±10%	15	67	100
30445	SPR01M-05	12±10%	5	200	100
30446	SPR01M-09	12±10%	9	100	100
30447	SPR01M-12	12±10%	12	84	100
30448	SPR01M-15	12±10%	15	67	100
30449	SPR01N-05	24±10%	5	200	100
30450	SPR01N-09	24±10%	9	100	100
30451	SPR01N-12	24±10%	12	84	100
30452	SPR01N-15	24±10%	15	67	100
30453	SPR01O-05	48±10%	5	200	100
30454	SPR01O-09	48±10%	9	100	100
30455	SPR01O-12	48±10%	12	84	100
30456	SPR01O-15	48±10%	15	67	100