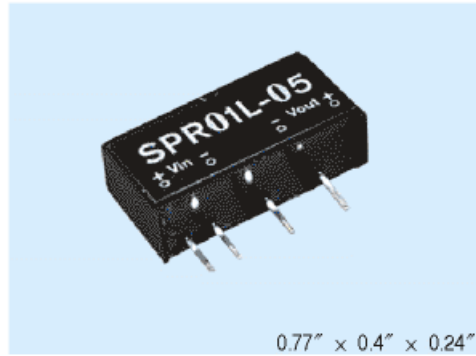


1W DC-DC Regulated Single Output

Features

- 1000VDC I/O isolation
- Internal SMD technology
- No external components required
- Short circuit protection
- Input filter: capacitor type
- 100% burn-in test
- High reliability/ low price
- Single in line package
- DIP package is available
- 1 year warranty



Mechanism	Pin configuration										
<p>FRONT VIEW</p> <p>BOTTOM VIEW</p> <p>UNIT: mm (inch)</p>	<table border="1"> <thead> <tr> <th>Pin no.</th> <th>Output Single</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>+ Vin</td> </tr> <tr> <td>2</td> <td>- Vin</td> </tr> <tr> <td>4</td> <td>- Vout</td> </tr> <tr> <td>6</td> <td>+ Vout</td> </tr> </tbody> </table>	Pin no.	Output Single	1	+ Vin	2	- Vin	4	- Vout	6	+ Vout
Pin no.	Output Single										
1	+ Vin										
2	- Vin										
4	- Vout										
6	+ Vout										

Specification

Voltage set point accuracy.....	± 2% (MAX.)
Line regulation.....	1% (MAX.)
Load regulation.....	± 1%
Efficiency.....	60% (typical)
Short protection.....	momentary
Switching frequency.....	100KHz (MIN.)
I/O isolation voltage.....	1000VDC (MIN.)
I/O isolation resistance.....	100MW (MIN.)
Isolation capacitance.....	80pF (MAX.)
Operating temperature.....	-15°C to +60°C (no derating)
Storage temperature.....	-25°C to +85°C
Temp. coefficient.....	± 0.03%/°C MAX.
Case material.....	non-conductive plastic

Stock No	Type No	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)	P.P.
30441	SPR01L-05	5± 10%	5	200	100	13
30442	SPR01L-09	5± 10%	9	100	100	13
30443	SPR01L-12	5± 10%	12	84	100	13
30444	SPR01L-15	5± 10%	15	67	100	13
30445	SPR01M-05	12± 10%	5	200	100	13
30446	SPR01M-09	12± 10%	9	100	100	13
30447	SPR01M-12	12± 10%	12	84	100	13
30448	SPR01M-15	12± 10%	15	67	100	13
30449	SPR01N-05	24± 10%	5	200	100	13
30450	SPR01N-09	24± 10%	9	100	100	13
30451	SPR01N-12	24± 10%	12	84	100	13
30452	SPR01N-15	24± 10%	15	67	100	13

30453	SPR01O-05	48± 10%	5	200	100	13
30454	SPR01O-09	48± 10%	9	100	100	13
30455	SPR01O-12	48± 10%	12	84	100	13
30456	SPR01O-15	48± 10%	15	67	100	13