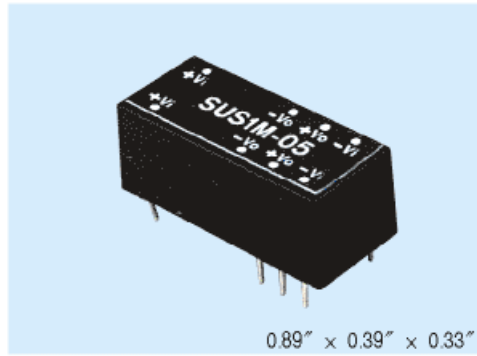


1W DC-DC Unregulated Single Output

Features

- 1000VDC I/O isolation
- 3000VDC isolation is available
- Internal SMD technology
- Short circuit protection
- Input filter: capacitor type
- 100% burn-in test
- High reliability/ low price
- Dual in line package
- Non-conductive plastic case
- SIP package is available
- 1 year warranty



Mechanism	Pin configuration										
<p>UNIT: mm (inch)</p>	<table border="1"> <thead> <tr> <th>Pin no.</th> <th>Output Single</th> </tr> </thead> <tbody> <tr> <td>1 & 16</td> <td>+ Vin</td> </tr> <tr> <td>6 & 11</td> <td>- Vout</td> </tr> <tr> <td>7 & 10</td> <td>+ Vout</td> </tr> <tr> <td>8 & 9</td> <td>- Vin</td> </tr> </tbody> </table>	Pin no.	Output Single	1 & 16	+ Vin	6 & 11	- Vout	7 & 10	+ Vout	8 & 9	- Vin
Pin no.	Output Single										
1 & 16	+ Vin										
6 & 11	- Vout										
7 & 10	+ Vout										
8 & 9	- Vin										

Specification

Voltage set point accuracy.....	± 2% (MAX.)@full load; nominal line
Line regulation.....	± 1.2% for 1% input variation
Load regulation.....	± 8%@20%~full load
Input reflected ripple.....	120mVp-p
Efficiency.....	75% (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.
30421	SUS01L-05	5± 10%	5	200	100	10
30422	SUS01L-09	5± 10%	9	111	100	10
30423	SUS01L-12	5± 10%	12	84	100	10
30424	SUS01L-15	5± 10%	15	67	100	10
30425	SUS01M-05	12± 10%	5	200	100	10
30426	SUS01M-09	12± 10%	9	111	100	10
30427	SUS01M-12	12± 10%	12	84	100	10
30428	SUS01M-15	12± 10%	15	67	100	10
30429	SUS01N-05	24± 10%	5	200	100	10
30430	SUS01N-09	24± 10%	9	111	100	10

30431	SUS01N-12	24± 10%	12	84	100	10
30432	SUS01N-15	24± 10%	15	67	100	10
30433	SUS01O-05	48± 10%	5	200	100	10
30434	SUS01O-09	48± 10%	9	111	100	10
30435	SUS01O-12	48± 10%	12	84	100	10
30436	SUS01O-15	48± 10%	15	67	100	10