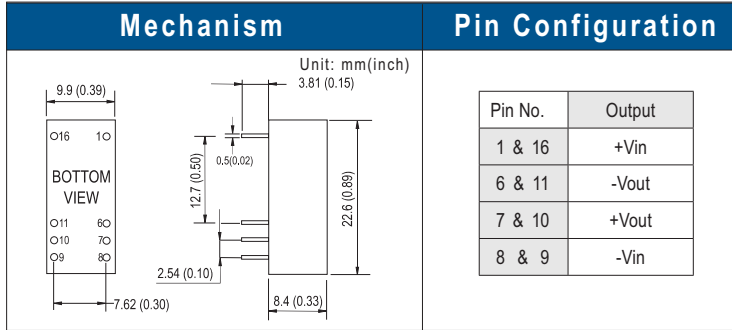


1W DC-DC Unregulated Single Output



- 1000VDC I/O isolation
- Internal SMD technology
- Built-in EMI filter
- Protection: Short circuit
- Cooling by free air convection
- Non-conductive plastic case
- Dual in line package
- SIP package is available
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy ... $\pm 2\%$ (max.)
- Line regulation $\pm 1.2\%$ (max.) for 1% input variation
- Load regulation $\pm 8\%$ (max.)@20~100% load
- Input reflected ripple 120mVp-p
- Efficiency 83% (typical)
- Short circuit protection Momentary
- Switching frequency 50kHz (min.)
- I/O isolation voltage 1000VDC (min.)
- I/O isolation resistance 100M Ω (min.)@ 500VDC
- 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 $\pm 0.03\%$ / °C (max.)
- Case material non-conductive plastic

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SUS01L-05	5 $\pm 10\%$	5	200	100
SUS01L-09	5 $\pm 10\%$	9	111	100
SUS01L-12	5 $\pm 10\%$	12	84	100
SUS01L-15	5 $\pm 10\%$	15	67	100
SUS01M-05	12 $\pm 10\%$	5	200	100
SUS01M-09	12 $\pm 10\%$	9	111	100
SUS01M-12	12 $\pm 10\%$	12	84	100
SUS01M-15	12 $\pm 10\%$	15	67	100
SUS01N-05	24 $\pm 10\%$	5	200	100
SUS01N-09	24 $\pm 10\%$	9	111	100
SUS01N-12	24 $\pm 10\%$	12	84	100
SUS01N-15	24 $\pm 10\%$	15	67	100
SUS01O-05	48 $\pm 10\%$	5	200	100
SUS01O-09	48 $\pm 10\%$	9	111	100
SUS01O-12	48 $\pm 10\%$	12	84	100
SUS01O-15	48 $\pm 10\%$	15	67	100