

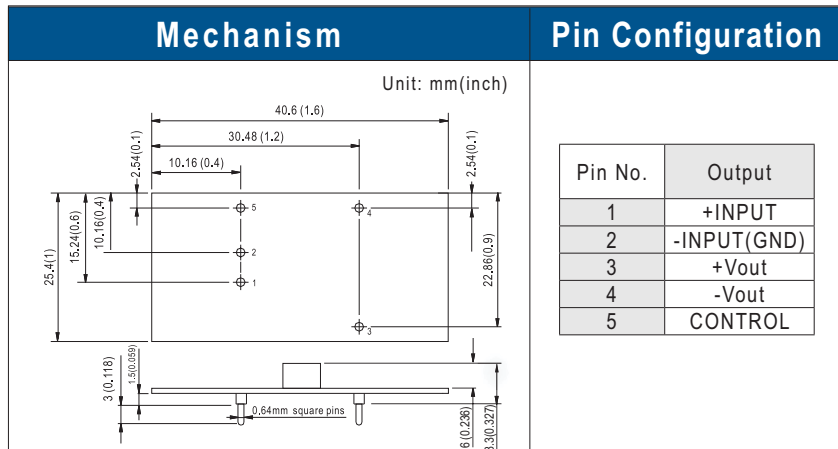
5W DC-DC Regulated Single Output

CBC€



1.6" x 1" x 0.327"

- 4:1 wide input range
- 1000VDC I/O isolation
- Built-in EMI filter
- Protections: Short circuit / Overload / Over voltage
- Built-in remote ON/OFF control
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy ... $\pm 2.0\%$ (max.)
- Line regulation $\pm 1.0\%$ (max.)
- Load regulation $\pm 1 \sim \pm 2\%$ (max.) @ 10%~full load
- Efficiency 85% (typical)
- Short circuit protection continuous, auto-recovery
- Overload protection over 105% power limiting, auto-recovery
- I/O isolation voltage 1000VDC
- I/O isolation resistance 100M Ω (min.) @ 500VDC, 25°C 70% RH
- Working temperature -25°C to +70°C (refer to output derating curve)
- Storage temperature -40°C to +85°C
- Temp. Coefficient $\pm 0.03\%$ / °C (0~60°C)
- Safety standards IEC60950-1 CB approved by TUV
- EMC standards EN55022 Class B, EN61000-4-2,3,4,5,6,8
- Packing 0.007kg ; 700pcs / 5.9kg / 0.97CUFT

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
NSD05-12S3	9.2~36	3.3	1200	75
NSD05-12S5	9.2~36	5	1000	75
NSD05-12S12	9.2~36	12	420	75
NSD05-12S15	9.2~36	15	330	75
NSD05-48S3	18~72	3.3	1200	75
NSD05-48S5	18~72	5	1000	75
NSD05-48S12	18~72	12	420	75
NSD05-48S15	18~72	15	330	75