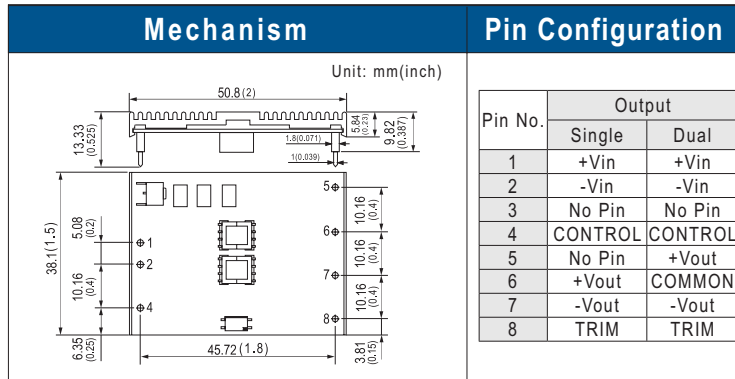


15W DC-DC Regulated Single and Dual Output



2"x 1.5"x 0.387"

- 4:1 wide input range
- 1500VDC I/O isolation
- Protections: Short circuit / Overload / Over voltage
- Built-in EMI filter
- Output voltage trimming function
- 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 $\pm 2\%$ (max.)
- Line regulation $\pm 1\%$ @10%~full load
- Load regulation $\pm 1\sim\pm 3\%$ @10%~full load
- Efficiency 85% (typical)
- Short circuit protection continuous, auto-recovery
- Over voltage protection clamp@115~150%
- Shutdown idle current 20mA
- I/O isolation voltage 1500VDC
- I/O isolation resistance 100M Ω (min.) @500VDC
- Working temperature -25~+70°C
- Storage temperature -40~+85°C
- Temp. coefficient $\pm 0.03\%$ / °C(0~50°C)
- Safety standards UL60950-1 approved
- EMC standards EN55022 Class B, EN61000-4-2,3,4,6,8
- Packing 0.03kg ; 180pcs / 6.4kg / 0.97CUFT

❖ Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
NSD15-12S3	9.4~36	3.3	3750	100
NSD15-12S5	9.4~36	5	3000	75
NSD15-12S12	9.4~36	12	1250	75
NSD15-12S15	9.4~36	15	1000	75
NSD15-48S3	18~72	3.3	3750	100
NSD15-48S5	18~72	5	3000	75
NSD15-48S12	18~72	12	1250	75
NSD15-48S15	18~72	15	1000	75

❖ Dual Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
NSD15-12D5	9.4~36	± 5	$\pm 70\sim 1500$	100
NSD15-12D12	9.4~36	± 12	$\pm 30\sim 620$	100
NSD15-12D15	9.4~36	± 15	$\pm 20\sim 500$	100
NSD15-48D5	18~72	± 5	$\pm 70\sim 1500$	100
NSD15-48D12	18~72	± 12	$\pm 30\sim 620$	100
NSD15-48D15	18~72	± 15	$\pm 20\sim 500$	100