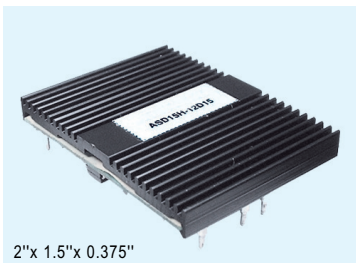


15W DC-DC Regulated Single and Dual Output



2"x 1.5"x 0.375"

- 4:1 wide input range
- 500~1500VDC I/O isolation
- Built-in EMI filter
- Built-in remote ON/OFF control
- Protections: Short circuit / Over load / Over voltage
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

Mechanism		Pin configuration																														
<p>Unit: mm (inch)</p>		<table border="1"> <thead> <tr> <th rowspan="2">Pin No.</th> <th colspan="2">Output</th> </tr> <tr> <th>Single</th> <th>Dual</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>+Vin</td> <td>+Vin</td> </tr> <tr> <td>2</td> <td>-Vin</td> <td>-Vin</td> </tr> <tr> <td>3</td> <td>N.C.</td> <td>N.C.</td> </tr> <tr> <td>4</td> <td>R.C</td> <td>R.C</td> </tr> <tr> <td>5</td> <td>N.C.</td> <td>+Vout</td> </tr> <tr> <td>6</td> <td>+Vout</td> <td>COM</td> </tr> <tr> <td>7</td> <td>-Vout</td> <td>-Vout</td> </tr> <tr> <td>8</td> <td>TRIM</td> <td>TRIM</td> </tr> </tbody> </table>		Pin No.	Output		Single	Dual	1	+Vin	+Vin	2	-Vin	-Vin	3	N.C.	N.C.	4	R.C	R.C	5	N.C.	+Vout	6	+Vout	COM	7	-Vout	-Vout	8	TRIM	TRIM
Pin No.	Output																															
	Single	Dual																														
1	+Vin	+Vin																														
2	-Vin	-Vin																														
3	N.C.	N.C.																														
4	R.C	R.C																														
5	N.C.	+Vout																														
6	+Vout	COM																														
7	-Vout	-Vout																														
8	TRIM	TRIM																														

- Voltage set point accuracy $\pm 2\%$ (max.)
- Line regulation $\pm 1\%$ @10%~full load
- Load regulation $\pm 1\%$ @10%~full load
- Efficiency 83% (typical)
- Short circuit protection Continuous, auto-recovery
- Over voltage protection Clamp@115~150%
- Shutdown idle current 15mA
- I/O isolation voltage 500VDC for ASD15H-12 series
1500VDC for ASD15H-48 series
- I/O isolation resistance $100M\Omega$ (min.) @500VDC
- Operating temperature -25°C to $+71^{\circ}\text{C}$ ($60\sim 71^{\circ}\text{C}$ derate 2.5% load/ $^{\circ}\text{C}$)
- Storage temperature -40°C to $+125^{\circ}\text{C}$
- Temp. coefficient $\pm 0.03\%$ / $^{\circ}\text{C}$ (max.)
- Safety / EMI Design refer to UL1950, TUV EN60950 and EN55022, FCC part 15J
- Packing 0.03kg ; 180pcs / 6.4kg / 0.97CUFT

❖ Single output

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
31041	ASD15H-12S3	9.2~36	3.3	3750	100
31042	ASD15H-12S5	9.2~36	5	3000	75
31043	ASD15H-12S12	9.2~36	12	1250	75
31044	ASD15H-12S15	9.2~36	15	1000	75
31045	ASD15H-48S3	18~72	3.3	3750	100
31046	ASD15H-48S5	18~72	5	3000	75
31047	ASD15H-48S12	18~72	12	1250	75
31048	ASD15H-48S15	18~72	15	1000	75

❖ Dual output

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
31051	ASD15H-12D5	9.2~36	± 5	70~1500	100
31052	ASD15H-12D12	9.2~36	± 12	30~620	100
31053	ASD15H-12D15	9.2~36	± 15	20~500	100
31054	ASD15H-48D5	18~72	± 5	70~1500	100
31055	ASD15H-48D12	18~72	± 12	30~620	100
31056	ASD15H-48D15	18~72	± 15	20~500	100