



## Series AM1D-NZ

### 1 Watt | DC-DC Converter



#### FEATURES:

- RoHS compliant
- High efficiency up to 82%
- Low profile plastic package
- 7 pin SIP package
- Operating temperature -40°C to + 85°C
- 1 sec short circuit protection
- Pin compatible with multiple manufacturers

#### Models

##### Single output

Model	Input Voltage (V)	Output Voltage (V)	Output Current max (Ma)	Isolation (VDC)	Efficiency (%)
AM1D-0505S-NZ	4.5-5.5	5	200	1000	72
AM1D-0509S-NZ	4.5-5.5	9	110	1000	74
AM1D-0512S-NZ	4.5-5.5	12	83	1000	77
AM1D-0515S-NZ	4.5-5.5	15	70	1000	79
AM1D-1205S-NZ	10.8-13.2	5	200	1000	73
AM1D-1209S-NZ	10.8-13.2	9	110	1000	75
AM1D-1212S-NZ	10.8-13.2	12	83	1000	79
AM1D-1215S-NZ	10.8-13.2	15	70	1000	80
AM1D-1505S-NZ	13.5-16.5	5	200	1000	72
AM1D-1509S-NZ	13.5-16.5	9	110	1000	73
AM1D-1512S-NZ	13.5-16.5	12	83	1000	74
AM1D-1515S-NZ	13.5-16.5	15	70	1000	75
AM1D-2405S-NZ	21.6-26.4	5	200	1000	74
AM1D-2409S-NZ	21.6-26.4	9	110	1000	76
AM1D-2412S-NZ	21.6-26.4	12	83	1000	80
AM1D-2415S-NZ	21.6-26.4	15	70	1000	81
AM1D-0505SH30-NZ	4.5-5.5	5	200	3000	70
AM1D-0509SH30-NZ	4.5-5.5	9	110	3000	75
AM1D-0512SH30-NZ	4.5-5.5	12	83	3000	78
AM1D-0515SH30-NZ	4.5-5.5	15	70	3000	80
AM1D-1205SH30-NZ	10.8-13.2	5	200	3000	72
AM1D-1209SH30-NZ	10.8-13.2	9	110	3000	76
AM1D-1212SH30-NZ	10.8-13.2	12	83	3000	79
AM1D-1215SH30-NZ	10.8-13.2	15	70	3000	81
AM1D-2405SH30-NZ	21.6-26.4	5	200	3000	73
AM1D-2409SH30-NZ	21.6-26.4	9	110	3000	77
AM1D-2412SH30-NZ	21.6-26.4	12	83	3000	80
AM1D-2415SH30-NZ	21.6-26.4	15	70	3000	82
AM1D-0505SH60-NZ	4.5-5.5	5	200	6000	72
AM1D-0509SH60-NZ	4.5-5.5	9	110	6000	72
AM1D-0512SH60-NZ	4.5-5.5	12	83	6000	75
AM1D-0515SH60-NZ	4.5-5.5	15	70	6000	75
AM1D-1205SH60-NZ	10.8-13.2	5	200	6000	75
AM1D-1209SH60-NZ	10.8-13.2	9	110	6000	76
AM1D-1212SH60-NZ	10.8-13.2	12	83	6000	78
AM1D-1215SH60-NZ	10.8-13.2	15	70	6000	78

#### Models

##### Dual output

Model	Input Voltage (V)	Output Voltage (V)	Output Current (mA)	Isolation (VDC)	Efficiency (%)
AM1D-0505D-NZ	4.5-5.5	±5	±100	1000	72
AM1D-0509D-NZ	4.5-5.5	±9	±55	1000	75
AM1D-0512D-NZ	4.5-5.5	±12	±42	1000	78
AM1D-0515D-NZ	4.5-5.5	±15	±35	1000	79