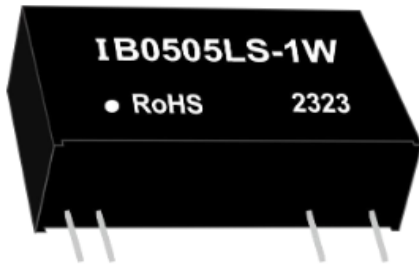




Constant voltage input non  
regulated dual output



**RoHS**

### Key features

- Well temperature characteristics
- Isolation voltage: 3000VDC
- Small S/DIP package
- International standard PIN
- Internal SMT design
- Meet RoHS certification requirements

## Electrical specifications

Model	Input voltage range(V)	Output voltage/current	Min Output current(mA)	Max capacitive load(uF)	Efficiency (%)
IB0505LS/D-W75	4.75 ~ 5.25	5VDC/150 mA	15	2.2	75
IB0505LS/D-1W	4.75 ~ 5.25	5VDC/200mA	20	10	77
IB0512LS/D-1W	4.75 ~ 5.25	12VDC/83mA	9	4.	78
IB0515LS/D-1W	4.75 ~ 5.25	15VDC/67mA	7	2.2	77
IB1205LS/D-W75	11.4 ~ 12.6	5VDC/150mA	15	2.2	76
IB1205LS/D-1W	11.4 ~ 12.6	5VDC/200mA	20	10	77
IB1212LS/D-1W	11.4 ~ 12.6	12VDC/83mA	9	4.7	78
IB1215LS/D-1W	11.4 ~ 12.6	15VDC/67mA	7	2.2	78



IB1505LS/D- W75	14.25 ~ 15.75	5VDC/150mA	15	2.2	76
IB1505LS/D- 1W	14.25 ~ 15.75	5VDC/200mA	20	10	77
IB1512LS/D- 1W	14.25 ~ 15.75	12VDC/83mA	9	4.7	78
IB1515LS/D- 1W	14.25 ~ 15.75	15VDC/67mA	7	2.2	78
IB2405LS/D- W75	22.8 ~ 25.2	5VDC/150mA	15	2.2	73
IB2405LS/D- 1W	22.8 ~ 25.2	5VDC/200mA	20	10	74
IB2412LS/D- 1W	22.8 ~ 25.2	12VDC/83mA	9	4.7	75
IB2415LS/D- 1W	22.8 ~ 25.2	15VDC/67mA	7	2.2	78

## Normal characteristics

Output voltage accuracy(Nominal input voltage,100%load)	-2 (MIN) ,+2(MAX)
Load regulation	±1(MAX)
Output voltage regulation	±0.25 (MAX)
Ripple and noise(20MHz of bandwidth,Nominal input voltage,100%load)	30 mV(TYP) 50mV(MAX)
Switching frequency	100KHz(TYP)
Temperature coefficient(Nominal input voltage,100%load, -40°C ~ +85°C)	±0.03%/°C(MAX)
Storage humidity	95%(MAX)
Environment temperature	-40°C ~ 85°C
Storage temperature	-55°C ~ 125°C
Shell temperature in working	35°C (TYP)
Isolation characteristics(Test time: 1Min, leakage current<0.5mA)	3000VDC
Cooling method	Natural cooling
Mean Time Between Failures ( TA=25°C )	one million hours (MIN)
Isolation resistance (Isolation voltage:500VDC)	1000MΩ
Shell material	Flame retardant and heat resistant plastic(UL94-V0)

## Output derating