

LD SERIES 10W WIDE INPUT RANGE

FEATURES

- 10W DIL PACKAGE
- INDUSTRY STANDARD PACKAGE
- REGULATED OUTPUT
- 100% BURN IN
- SHORT CIRCUIT PROTECTION
- HIGH EFFICIENCY
- UL 94V-0 PACKAGE MATERIAL
- CUSTOM SOLUTION BE AVAILABLE
- 3 YEARS WARRANTY



OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy	+/-2% max	Input Voltage Range	2:1-4:1 Input Range	Efficiency	74% min
Temperature Coefficient	+/-0.05%/°C	Input Filter	Pi Network	Isolation Voltage	1500-3000VDC min
Ripple & Noise(20MHz BW)	100mVp-p max	Protection	Fuse Recommended	Isolation Resistance	10 ⁹ ohms min
Line Regulation	+/-0.5% max	ENVIRONMENTAL SPECIFICATIONS		Isolation Capacitance	500pF max
Load Regulation	+/-0.5% max	Operating Temperature	-25°C to +71°C	Switching Frequency	200KHz min
Minimum Load	10% of Full Load	Storage Temperature	-55°C to +125°C	MTBF	>342,000 Hours
Short Circuit Protection	Continuous	Cooling	Free-Air Convection	Case Material	Six-Side Shielded Case
Transient Response	200uS max	Humidity	95% max	Weight	31.2g typ.

● 2:1 7W-10W OUTPUT

MODEL ¹ NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	ISOLATION (VDC)
		VOLTAGE (VDC)	CURRENT (mA)		
LD070-05D05/A/-3K	4.7-7.25	+/-5	+/-700	79	1500 / 3000
LD090-05D09/A/-3K	4.7-7.25	+/-9	+/-500	79	1500 / 3000
LD080-05D15/A/-3K	4.7-7.25	+/-15	+/-275	79	1500 / 3000
LD080-12S3.3/A/-3K	9-18	3.3	2400	74	1500 / 3000
LD100-12S05/A/-3K	9-18	5	2000	78	1500 / 3000
LD100-12S09/A/-3K	9-18	9	1111	80	1500 / 3000
LD100-12S12/A/-3K	9-18	12	830	80	1500 / 3000
LD100-12S15/A/-3K	9-18	15	670	81	1500 / 3000
LD100-12S24/A/-3K	9-18	24	416	82	1500 / 3000
LD100-12D05/A/-3K	9-18	+/-5	+/-1000	78	1500 / 3000
LD100-12D09/A/-3K	9-18	+/-9	+/-556	80	1500 / 3000
LD100-12D12/A/-3K	9-18	+/-12	+/-416	81	1500 / 3000
LD100-12D15/A/-3K	9-18	+/-15	+/-333	82	1500 / 3000
LD100-12D24/A/-3K	9-18	+/-24	+/-208	79	1500 / 3000

LD080-24S3.3/A/-3K	18-36	3.3	2400	76	1500 / 3000
LD100-24S05/A/-3K	18-36	5	2000	79	1500 / 3000
LD100-24S09/A/-3K	18-36	9	1111	80	1500 / 3000
LD100-24S12/A/-3K	18-36	12	830	82	1500 / 3000
LD100-24S15/A/-3K	18-36	15	670	83	1500 / 3000
LD100-24S24/A/-3K	18-36	24	416	81	1500 / 3000
LD100-24D05/A/-3K	18-36	+/-5	+/-1000	79	1500 / 3000
LD100-24D09/A/-3K	18-36	+/-9	+/-556	80	1500 / 3000
LD100-24D12/A/-3K	18-36	+/-12	+/-416	82	1500 / 3000
LD100-24D15/A/-3K	18-36	+/-15	+/-333	82	1500 / 3000
LD100-24D24/A/-3K	18-36	+/-24	+/-208	80	1500 / 3000
LD080-48S3.3/A/-3K	36-72	3.3	2400	76	1500 / 3000
LD100-48S05/A/-3K	36-72	5	2000	79	1500 / 3000
LD100-48S09/A/-3K	36-72	9	1111	80	1500 / 3000
LD100-48S12/A/-3K	36-72	12	830	82	1500 / 3000
LD100-48S15/A/-3K	36-72	15	670	82	1500 / 3000
LD100-48S24/A/-3K	36-72	24	416	82	1500 / 3000
LD100-48D05/A/-3K	36-72	+/-5	+/-1000	79	1500 / 3000
LD100-48D09/A/-3K	36-72	+/-9	+/-556	80	1500 / 3000

¹ LD***,*****A PACKAGE "A" FOR REMOTE CONTROL
LD***,*****-3K FOR 3000VDC ISOLATION

LD100-48D12/A/-3K	36-72	+/-12	+/-416	82	1500 / 3000
LD100-48D15/A/-3K	36-72	+/-15	+/-333	81	1500 / 3000
LD100-48D24/A/-3K	36-72	+/-24	+/-208	82	1500 / 3000

● **3:1 8W-10W OUTPUT**

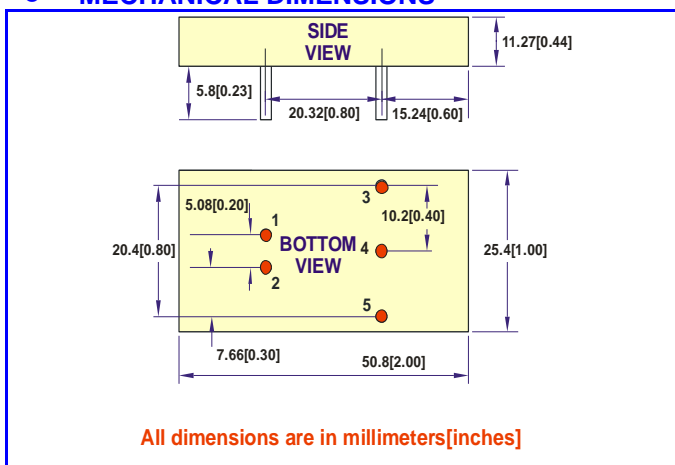
MODEL ² NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	ISOLATION (VDC)
		VOLTAGE (VDC)	CURRENT (mA)		
LD100-310S05A	7-24	5	2000	77	1000
LD080-312S3.3/A/-3K	9-27	3.3	2400	76	1500 / 3000
LD100-312S05/A/-3K	9-27	5	2000	77	1500 / 3000
LD100-312S09/A/-3K	9-27	9	1111	78	1500 / 3000
LD100-312S12/A/-3K	9-27	12	830	79	1500 / 3000
LD100-312S15/A/-3K	9-27	15	670	80	1500 / 3000
LD100-312S24/A/-3K	9-27	24	417	79	1500 / 3000
LD100-312D05/A/-3K	9-27	+/-5	+/-1000	77	1500 / 3000
LD100-312D09/A/-3K	9-27	+/-9	+/-556	78	1500 / 3000
LD100-312D12/A/-3K	9-27	+/-12	+/-416	80	1500 / 3000
LD100-312D15/A/-3K	9-27	+/-15	+/-333	81	1500 / 3000
LD080-324S3.3/A/-3K	18-54	3.3	2400	76	1500 / 3000
LD100-324S05/A/-3K	18-54	5	2000	79	1500 / 3000
LD100-324S09/A/-3K	18-54	9	1111	81	1500 / 3000
LD100-324S12/A/-3K	18-54	12	830	80	1500 / 3000
LD100-324S15/A/-3K	18-54	15	670	81	1500 / 3000
LD100-324S24/A/-3K	18-54	24	416	81	1500 / 3000
LD100-324D05/A/-3K	18-54	+/-5	+/-1000	79	1500 / 3000
LD100-324D09/A/-3K	18-54	+/-9	+/-556	79	1500 / 3000
LD100-324D12/A/-3K	18-54	+/-12	+/-416	80	1500 / 3000
LD100-324D15/A/-3K	18-54	+/-15	+/-333	81	1500 / 3000

● **4:1 8W-10W OUTPUT**

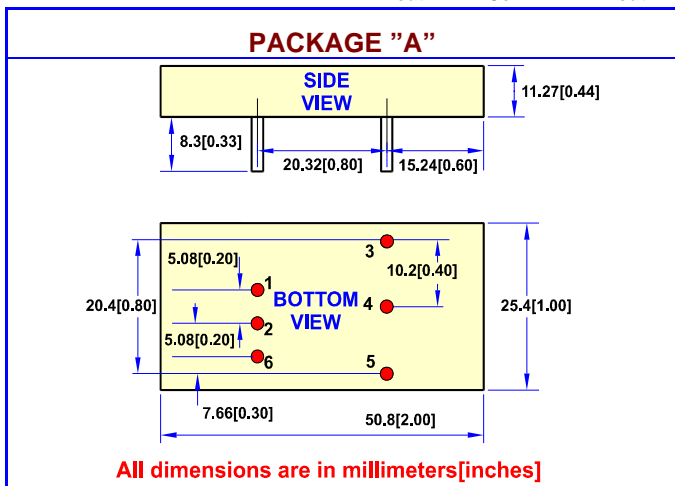
LD080-412S3.3/A/-3K	9-36	3.3	2400	76	1500 / 3000
LD100-412S05/A/-3K	9-36	5	2000	77	1500 / 3000
LD100-412S09/A/-3K	9-36	9	1111	78	1500 / 3000
LD100-412S12/A/-3K	9-36	12	830	79	1500 / 3000
LD100-412S15/A/-3K	9-36	15	670	80	1500 / 3000
LD100-412S24/A/-3K	9-36	24	417	79	1500 / 3000
LD100-412D05/A/-3K	9-36	+/-5	+/-1000	77	1500 / 3000
LD100-412D09/A/-3K	9-36	+/-9	+/-556	78	1500 / 3000
LD100-412D12/A/-3K	9-36	+/-12	+/-416	80	1500 / 3000

LD100-412D15/A/-3K	9-36	+/-15	+/-333	81	1500 / 3000
LD080-424S3.3/A/-3K	18-72	3.3	2400	76	1500 / 3000
LD100-424S05/A/-3K	18-72	5	2000	79	1500 / 3000
LD100-424S09/A/-3K	18-72	9	1111	81	1500 / 3000
LD100-424S12/A/-3K	18-72	12	830	80	1500 / 3000
LD100-424S15/A/-3K	18-72	15	670	81	1500 / 3000
LD100-424S24/A/-3K	18-72	24	417	81	1500 / 3000
LD100-424D05/A/-3K	18-72	+/-5	+/-1000	79	1500 / 3000
LD100-424D09/A/-3K	18-72	+/-9	+/-556	79	1500 / 3000
LD100-424D12/A/-3K	18-72	+/-12	+/-416	80	1500 / 3000
LD100-424D15/A/-3K	18-72	+/-15	+/-333	81	1500 / 3000

● **MECHANICAL DIMENSIONS**



PIN	1	2	3	4	5
SINGLE	+Vin	-Vin	+Vout	NP	-Vout
DUAL	+Vin	-Vin	+Vout	Com.	-Vout



PIN	1	2	3	4	5	6
SINGLE	+Vin	-Vin	+Vout	NP	-Vout	Remote
DUAL	+Vin	-Vin	+Vout	Com.	-Vout	ON/OFF

² LD***,****A PACKAGE "A" FOR REMOTE CONTROL
LD***,****-3K FOR 3000VDC ISOLATION