

LA010-LH/F/-3K SERIES 1W UNREGULATED



FEATURES

- DUAL IN LINE PACKAGE
- UP TO 1W UNREGULATED OUTPUT POWER
- HIGH EFFICIENCY
- 100% BURN IN
- UL 94V-0 PACKAGE MATERIAL
- INTERNAL SMD TECHNOLOGY
- 3 YEARS WARRANTY



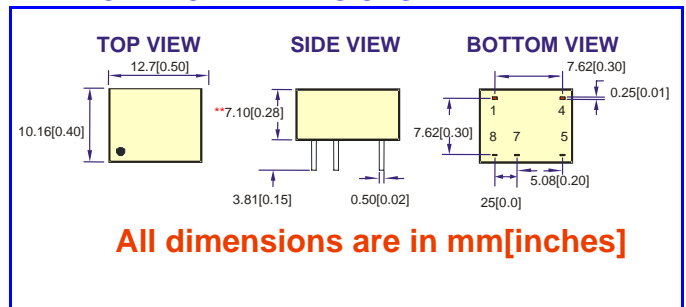
OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy	+/-2% max	Input Voltage Range	+/-10% max	Efficiency	75% min
Temperature Coefficient	+/-0.05%/°C	Input Filter	Capacitor Type	Isolation Voltage	1500-3000VDC min
Ripple & Noise(20MHz BW)	100mVp-p max	Protection	Fuse Recommended	Isolation Resistance	10 ⁹ ohms min
Line Regulation	+/-1.2% max	ENVIRONMENTAL SPECIFICATIONS		Isolation Capacitance	80pF max
Load Regulation(3.3V Vout)	+/-12% max	Operating Temperature	-40°C to +85°C	Switching Frequency	100KHz min
Load Regulation(other Vout)	+/-8% max	Storage Temperature	-55°C to +125°C	MTBF	>2,900,000 Hours
Minimum Load	10% of Full Load	Cooling	Free-Air Convection	Case Material	Non-Conductive Plastic
Short Circuit Protection	Momentary	Humidity	95% max	Weight	1.7g typ.

1W OUTPUT

MODEL ¹ NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	ISOLATION (VDC)
		VOLT. (VDC)	CURRENT (mA)		
LA010-3.3S3.3LH/F/-3K	3.3	3.3	303	75	1500(3000)
LA010-3.3S05LH/F/-3K	3.3	5	200	75	1500(3000)
LA010-05S05LH/F/-3K	5	5	200	77	1500(3000)
LA010-05S09LH/F/-3K	5	9	110	77	1500(3000)
LA010-05S12LH/F/-3K	5	12	84	78	1500(3000)
LA010-05S15LH/F/-3K	5	15	67	79	1500(3000)
LA010-05D05LH/F/-3K	5	+/-5	+/-100	76	1500(3000)
LA010-05D12LH/F/-3K	5	+/-12	+/-42	80	1500(3000)
LA010-05D15LH/F/-3K	5	+/-15	+/-34	77	1500(3000)
LA010-12S05LH/F/-3K	12	5	200	79	1500(3000)
LA010-12S09LH/F/-3K	12	9	110	78	1500(3000)
LA010-12S12LH/F/-3K	12	12	84	80	1500(3000)
LA010-12S15LH/F/-3K	12	15	67	79	1500(3000)
LA010-12D05LH/F/-3K	12	+/-5	+/-100	76	1500(3000)
LA010-12D12LH/F/-3K	12	+/-12	+/-42	79	1500(3000)

LA010-12D15LH/F/-3K	12	+/-15	+/-34	77	1500(3000)
LA010-24S05LH/F/-3K	24	5	200	77	1500(3000)
LA010-24S09LH/F/-3K	24	9	110	76	1500(3000)
LA010-24S12LH/F/-3K	24	12	84	78	1500(3000)
LA010-24S15LH/F/-3K	24	15	67	77	1500(3000)
LA010-24D05LH/F/-3K	24	+/-5	+/-100	75	1500(3000)
LA010-24D12LH/F/-3K	24	+/-12	+/-42	77	1500(3000)
LA010-24D15LH/F/-3K	24	+/-15	+/-34	76	1500(3000)

MECHANICAL DIMENSIONS



Note: **7.62[0.30] for 24V input voltage

PIN	1	4	5	7	8
SINGLE	-Vin	+Vin	+Vout	-Vout	NP
DUAL	-Vin	+Vin	+Vout	Com.	-Vout

¹LA010_****F FOR FUSE

LA010_****LH OPERATING TEMPERATURE FOR -40°C - +85°C

LA010_****-3K ISOLATION VOLTAGE 3KVDC