

L Series

1.5W - 3KV SINGLE & DUAL OUTPUT DC/DC INDUSTRIAL

Features

- Low ripple
- Proven reliability.
- Extensive filtering and shielding.
- Proportional input/output.
- Low cost/high performance



Specifications

INPUT

Voltage	0 to 12VDC.
Current	<150mA no load. <300mA full load.
Typical turn-on voltage	<2 Volts.

OUTPUT

Power	1.5W.
Voltage	See table.
Current	See table.
Ripple	See table.
Regulation	10% (no load to full load).
Isolation	3,500V.

ENVIRONMENTAL

Operating temperature	-10°C to +60°C.
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GENERAL

Dimensions	64 x 38 x 22 mm.
Weight	85g approx.
Packaging	Fully encapsulated.
Case material	Glass-filled Epoxy.

OPTIONS

Two pin-patterns.	
External mounting box.	

PIN#	FUNCTION
1	(+)Input
2	(-)Input
3	(+)Output
4	(-)Output

Selection Table

MODEL NUMBER	OUTPUT	OUTPUT*1	RIPPLE
	VOLTAGE	CURRENT	
L03	0 to ±300V	5.00mA	0.075%
L05	0 to ±500V	3.00mA	0.075%
L10	0 to ±1,000V	1.50mA	0.025%
L12	0 to ±1,200V	1.25mA	0.025%
L15	0 to ±1,500V	1.00mA	0.030%
L20	0 to ±2,000V	0.75mA	0.025%
L25	0 to ±2,500V	0.60mA	0.200%
L30	0 to ±3,000V	0.50mA	0.200%

Note: 1. At maximum rated output voltage.
2. Pin out pattern "A" or "B" must be specified with model number.

Technical Illustration

