

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.
-----------------------	-----------------

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

