Common Mode Inductors

POTTED HORIZONTAL STYLE

Single Layer Windings with Spacers specially designed by Rhombus Industries to provide 3mm Creepage and Clearance for International Safety Compliance.

Designed to prevent noise emission in switching power supplies at input.

Windings balanced to 1%

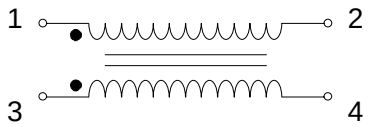
Isolation 1250 VRMS

Materials used in the construction of these parts are UL 94 VO and are rated at 130° C or better

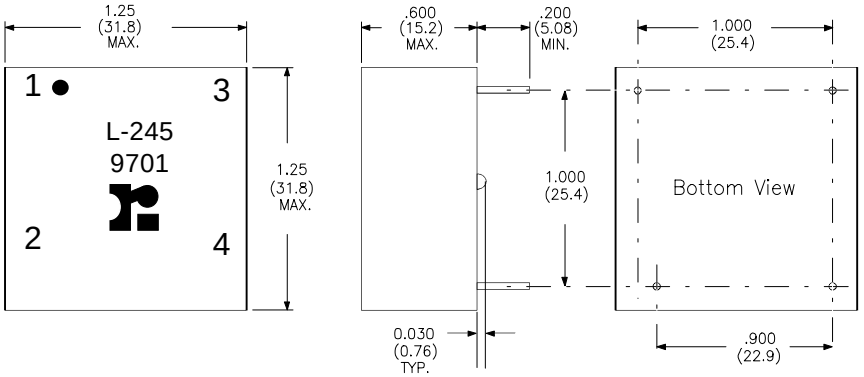
Part Number Horiz.	I Max. (A)	L mHy Min @1 KHz	Test Level V_{RMS} @1 KHz	L_L Max. (µH)	DCR Max. (mΩ)	Leads (AWG)	Size Code
L-244	1.8	10	0.50	130	240	20	H1
L-245	3.5	3	0.20	35	60	20	H1
L-246	6.0	1	0.08	12	20	19	H1
L-247	2.6	16	1.00	180	160	18	H2
L-248	3.2	8	0.50	90	120	18	H2
L-249	5.2	4	0.20	45	40	19	H2
L-250	7.5	2	0.08	25	20	17	H2

NEW!

Schematic Diagram

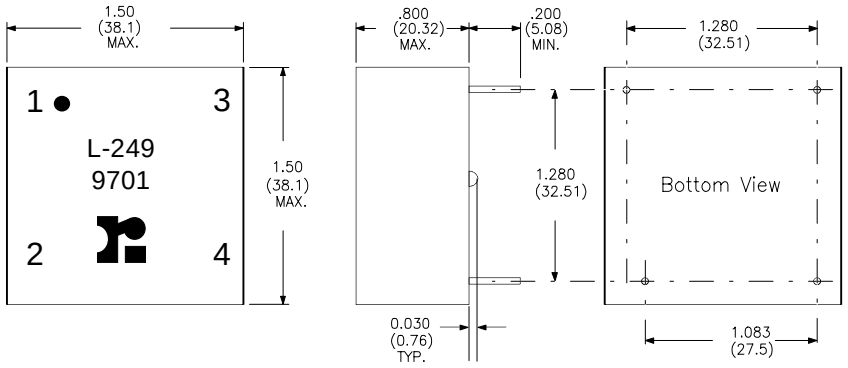


Schematic Diagram



Size Code "H1"

(Low Profile Horizontal)



Size Code "H2"

(Low Profile Horizontal)

Rhombus Industries Inc.
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Common Mode Inductors

SEMI-POTTED VERTICAL STYLE

Single Layer Windings with Spacers specially designed by Rhombus Industries to provide 3mm Creepage and Clearance for International Safety Compliance.

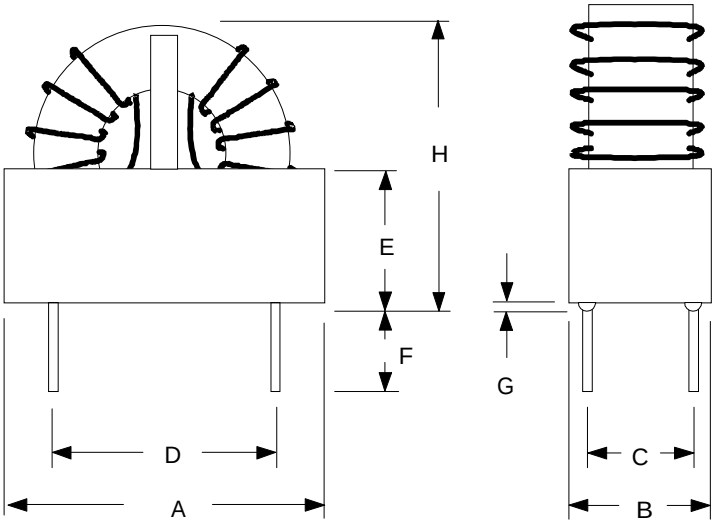
Designed to prevent noise emission in switching power supplies at input.

Windings balanced to 1%

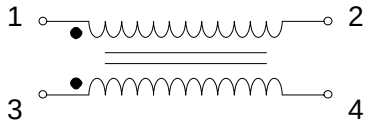
Isolation 1250 VRMS

Materials used in the construction of these parts are UL 94 VO and are rated at 130° C or better

Part Number Vertical	I Max. (A)	L mHy Min. @1 KHz	Test Level V_{RMS} @1 KHz	L_L Max. (µH)	DCR Max. (mΩ)	Leads (AWG)	Size Code
L-251	1.8	10	0.50	130	240	20	V1
L-252	3.5	3	0.20	35	60	20	V1
L-253	6.0	1	0.08	12	20	19	V1
L-254	2.6	16	1.00	180	160	18	V2
L-255	3.2	8	0.50	90	120	18	V2
L-256	5.2	4	0.20	45	40	19	V2
L-257	7.5	2	0.08	25	20	17	V2



Schematic Diagram



NEW!

Size Code	Typical Dimension in Inches A	B	C	D	E	F	G	H
V1	1.150	0.550	0.400	0.800	0.450	0.200	.015	1.150
V2	1.440	0.800	0.600	0.900	0.700	0.200	.030	1.500

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