

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%

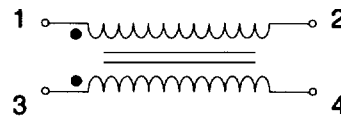
Isolation 1250 VRMS

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

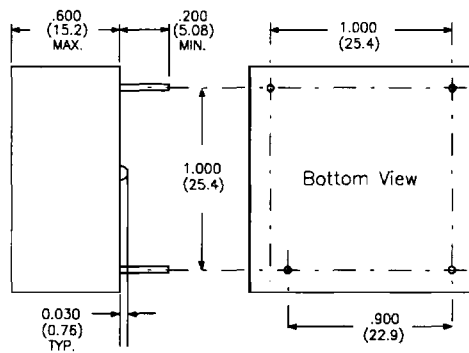
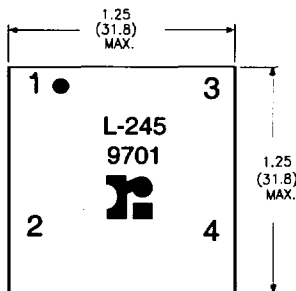
| Part Number Horiz. | I Max. (A) | L mHy Min @1 KHz | Test Level V_{RMS} @1 KHz | L_L Max. (μ H) | DCR Max. (m Ω) | Leads (AWG) | Size Code |
|--------------------|------------|------------------|-----------------------------|-----------------------|------------------------|-------------|-----------|
| 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!

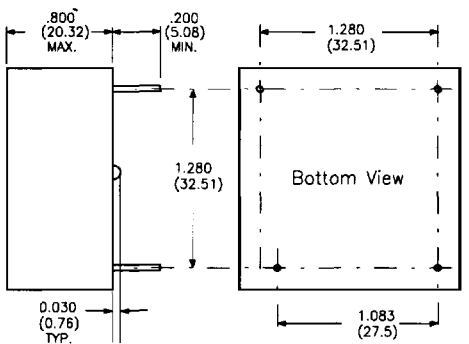
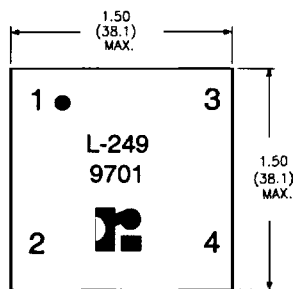
Schematic Diagram



Schematic Diagram



Size Code "H1"
(Low Profile Horizontal)



Size Code "H2"
(Low Profile Horizontal)

Specifications are subject to change without notice

CMODEPOT 5/97

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.

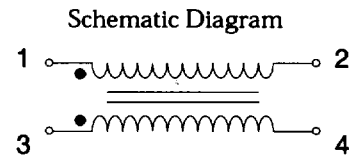
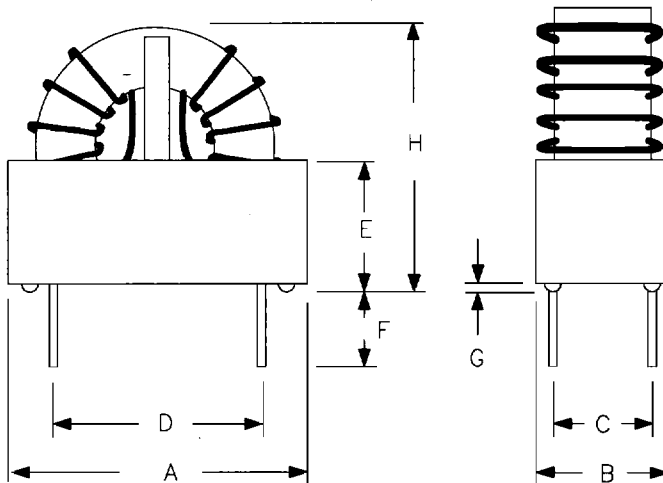
Designed to prevent noise emission in switching power supplies at input.

Windings balanced to 1%

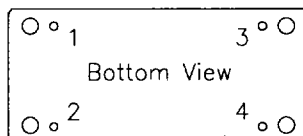
Isolation 1250 VRMS

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. (μ H) | DCR Max. (m Ω) | 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 |



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 |

Specifications are subject to change without notice

CMODEPOT 5/97