NHF150 EMI filter
Up to 500Vin, 150 watts

**FEATURES**

- MIL-STD-461D Compliance CE101 and CE102
- Thermally Non-dissipative device
- Less than 1.0 Volt Drop Across the NHF150
- Does Not Require External Components
- Meets Environmental Requirements of MIL-STD-810E and MIL-STD-901C
- For Use With NH50, NH100, and NH150 Series DC/DC Converters

**How to Order:**

NHF 150 - A - D

<table>
<thead>
<tr>
<th>Series</th>
<th>Total Output Power</th>
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<tbody>
<tr>
<td></td>
<td>Options:</td>
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<tr>
<td></td>
<td>A- pins out side of unit</td>
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<td>B- pins out bottom of unit</td>
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<td>C- pins out top of unit</td>
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<td>D- through hole inserts</td>
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<td>I - M2.5 inserts</td>
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**SPECIFICATIONS**

- Input Voltage (Maximum): 500 Vdc
- Rated Output Current: 1 A
- Isolation (Input/Output to Case): 1000 Vdc
- Operating Temperature: 100 °C
- Storage Temperature: 125 °C
- Insulation Resistance (measured @ 50Vdc): 50 M Ohm
- Weight: 1.72 oz. / 48.65 grams
- Size: 1.75 x 1.5 x 0.38 inch / 44.5 x 38.1 x 9.7 mm
- Volume: 1.00 inch³ / 16.5 cm³
- Material:
  - Pin: Brass (Solder Plating)
  - Baseplate: Aluminum 5052-H32
  - Case: 28 Gauge Steel (cold rolled)
- Finish: Nickel Plating
- Mounting:
  - Standard: 4-40 inserts provided in baseplate
  - I Option: M2.5 metric inserts (4 places)
  - D Option: 0.115 DIA thru holes (4 places)

**CASE DRAWINGS**

For additional information, call 310.542.8561 or e-mail: Orders-EP@eaton.com

www.eaton.com/powerconversion
EMI compliance graphs

**Mil-STD-461D, CE101**

- **270 V\textsubscript{in} - 150 watts**
- **270 V\textsubscript{in} - 50 watts**

- Without NHF150
- With NHF150

**Mil-STD-461D, CE102**

- **270 V\textsubscript{in} - 150 watts**
- **270 V\textsubscript{in} - 50 watts**

- Without NHF150
- With NHF150
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