MBS48 Series

30A and 50A, 48VDC EMI Filters

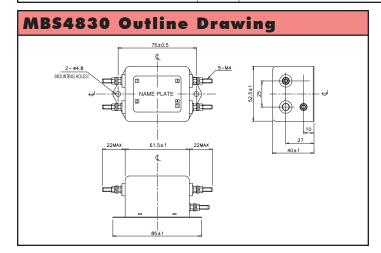


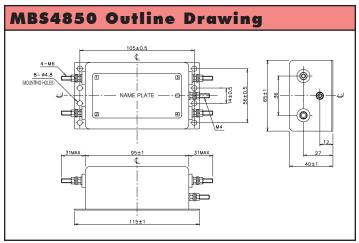


Features

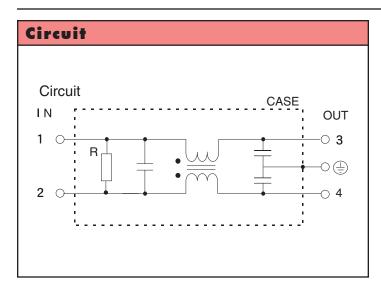
- ♦ High Attenuation
- ◆ Stud Terminal Connection
- Compact Size

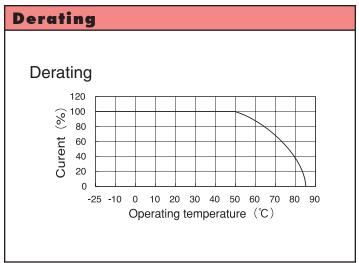
| Specifications | | | |
|--|------------|---|---------|
| MC | DELS | MBS4830 | MBS4850 |
| ITEMS | | | |
| Rated Voltage | VDC | 48VDC (72VDC Max) | |
| Rated Current | Α | 30A, 45A peak surge for 1 min | |
| Test Voltage (For 1 min.) | V | Terminals to Case: 700VDC (20mA) at 25°C, 70% RH | |
| Between terminals 100VDC (20mA) at 25°C, 70% | | C (20mA) at 25°C, 70% RH | |
| Isolation Resistance | Ω M | 500MΩ minimum at 25°C, 70% RH | |
| Leakage Current | mA | Not Applicable | |
| DC Resistance | mΩ | 8 | 4 |
| Temperature Rise | °C | 35 | 30 |
| Operating Temperature | °C | -25° to +85°C (see derating curve) | |
| Storage Temperature | °C | -40° to +85° | |
| Operating Humidity | - | 30 to 95% RH (non condensing) | |
| Storage Humidity | - | 10 to 95% RH (non condensing) | |
| Vibration | - | 10-55-10Hz, Amplitude 1.5mm (1 minute), X, Y, Z (2 hour each) | |
| Weight (Typ) | g | 310 | 650 |
| Warranty | - | 1 Year | |

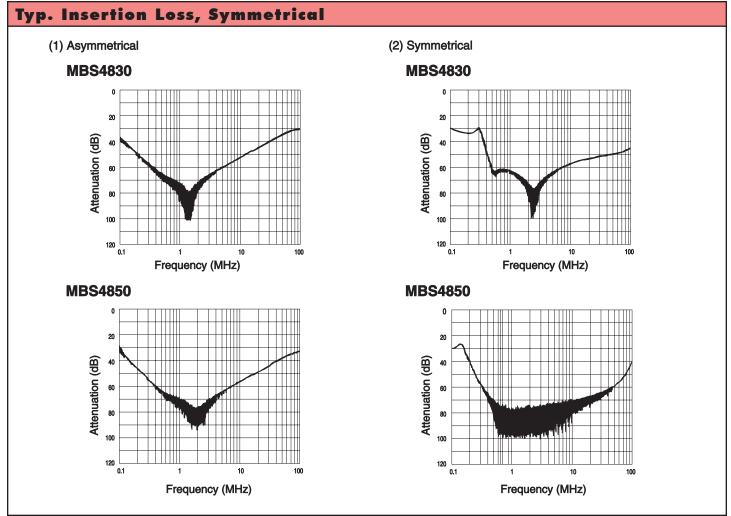




MBS48 Series







For Additional Information, please visit us.tdk-lambda.com/lp/products/mbs-series.htm