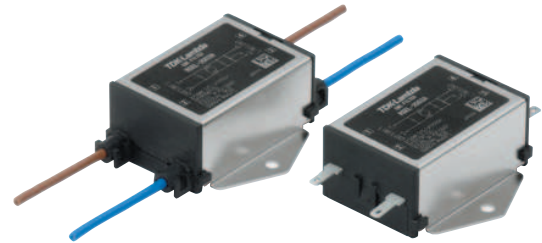


## 0.5A to 6A, 250VAC EMI Filters

### Features

- ◆ Low Cost (Than RSAL Series)
- ◆ Lug or Wire Terminations
- ◆ Low Earth Leakage Current Option
- ◆ Conforms to UL, CSA and EN Safety Agency Certifications



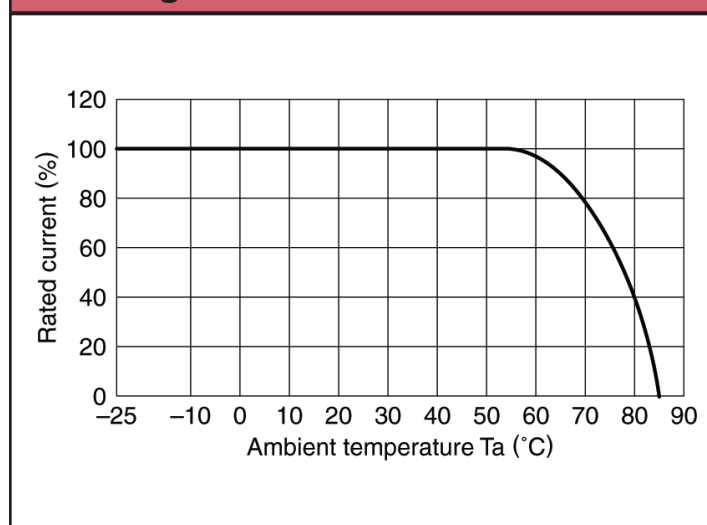
### Specifications

| Model                        |    | RSEL-20R5W                                           | RSEL-2001W  | RSEL-2002W  | RSEL-2003W  | RSEL-2006W  |
|------------------------------|----|------------------------------------------------------|-------------|-------------|-------------|-------------|
|                              |    | RSEL-20R5A                                           | RSEL-2001A  | RSEL-2002A  | RSEL-2003A  | RSEL-2006A  |
|                              |    | RSEL-20R5WL                                          | RSEL-2001WL | RSEL-2002WL | RSEL-2003WL | RSEL-2006WL |
|                              |    | RSEL-20R5AL                                          | RSEL-2001AL | RSEL-2002AL | RSEL-2003AL | RSEL-2006AL |
| Rated Voltage (AC, DC)       | V  | 250V                                                 |             |             |             |             |
| Rated Current                | A  | 0.5A                                                 | 1A          | 2A          | 3A          | 6A          |
| Withstand Voltage            | V  | Terminals to Case: 2500VAC (1 Minute)                |             |             |             |             |
| Isolation Resistance         | MΩ | 100MΩ minimum (500VDC, 1 Minute)                     |             |             |             |             |
| Leakage Current (max)        | A  | RSEL-20xxx 1mA; RSEL20xxxL 10uA (250VAC, 60Hz)       |             |             |             |             |
| DC Resistance (total)        | mΩ | 700                                                  | 600         | 250         | 150         | 80          |
| Operating Temperature        | °C | -25 to +85°C (Derate above 55°C, see derating curve) |             |             |             |             |
| Storage Temperature          | °C | -25 to +85°C                                         |             |             |             |             |
| Safety Agency Certifications | -  | UL 1283, CSA C22.2 No.8, EN60939                     |             |             |             |             |
| Weight                       | g  | 61g Maximum                                          |             |             |             |             |
| Warranty                     | yr | 1 Year                                               |             |             |             |             |

### Options

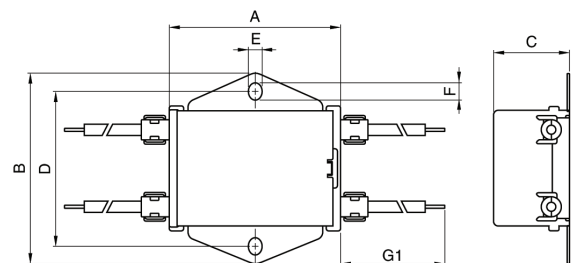
|                                         |             |
|-----------------------------------------|-------------|
| Wire Terminations                       | RSEL-20xxW  |
| Lug Terminations                        | RSEL-20xxA  |
| Wire Terminations & Low Leakage Current | RSEL-20xxWL |
| Lug Terminations & Low Leakage Current  | RSEL-20xxAL |

### Derating

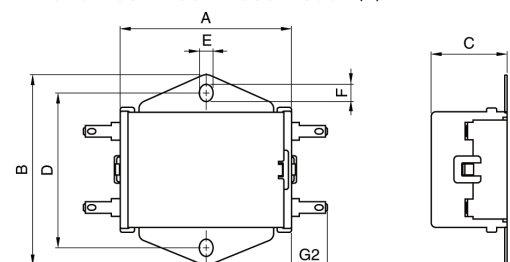


### Outline Drawing

RSEL-20R5/2001/2002/2003/2006W (L)

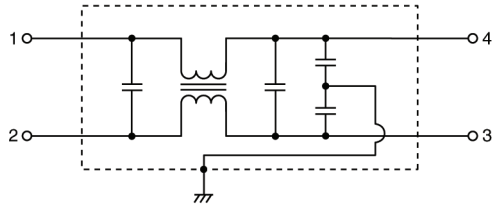


RSEL-20R5/2001/2002/2003/2006A (L)

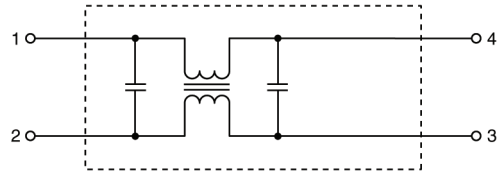


## Circuit

RSEL-2 \*\*\* W  
RSEL-2 \*\*\* A

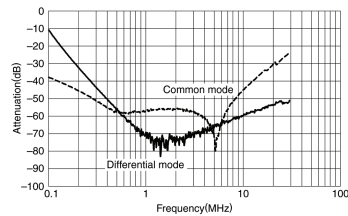


RSEL-2 \*\*\* WL  
RSEL-2 \*\*\* AL

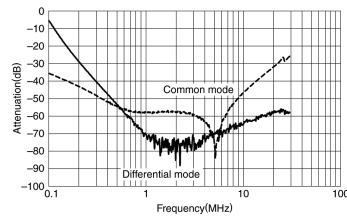


## Attenuation Characteristics

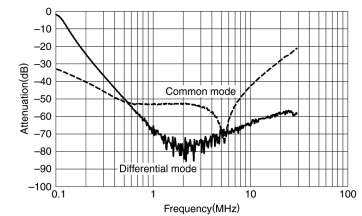
RSEL-20R5W/A



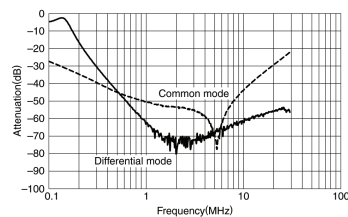
RSEL-2001W/A



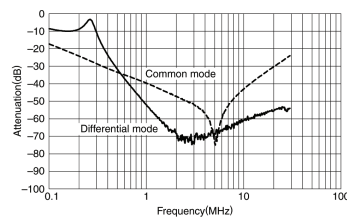
RSEL-2002W/A



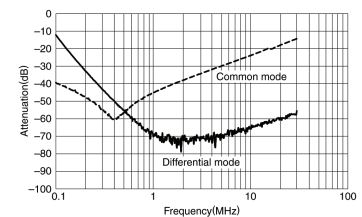
RSEL-2003W/A



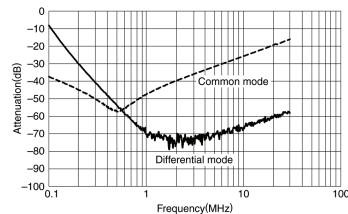
RSEL-2006W/A



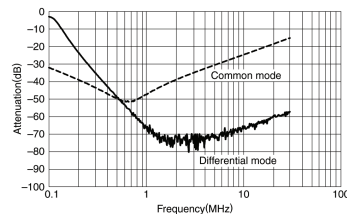
RSEL-20R5WL/AL



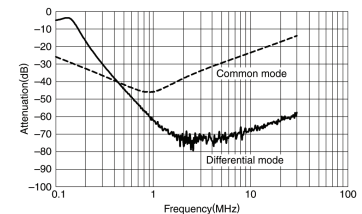
RSEL-2001WL/AL



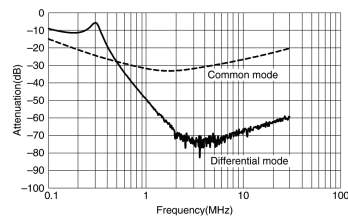
RSEL-2002WL/AL



RSEL-2003WL/AL



RSEL-2006WL/AL



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[us.tdk-lambda.com/lp/products/r-series.htm](http://us.tdk-lambda.com/lp/products/r-series.htm)



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