

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

### Features

- ◆ High Voltage Pulse Attenuation
- ◆ Lug or Wire Terminations
- ◆ Low Earth Leakage Current Option
- ◆ Conforms to UL, CSA and
- ◆ EN Safety Agency Certifications



### Key Market Segments & Applications



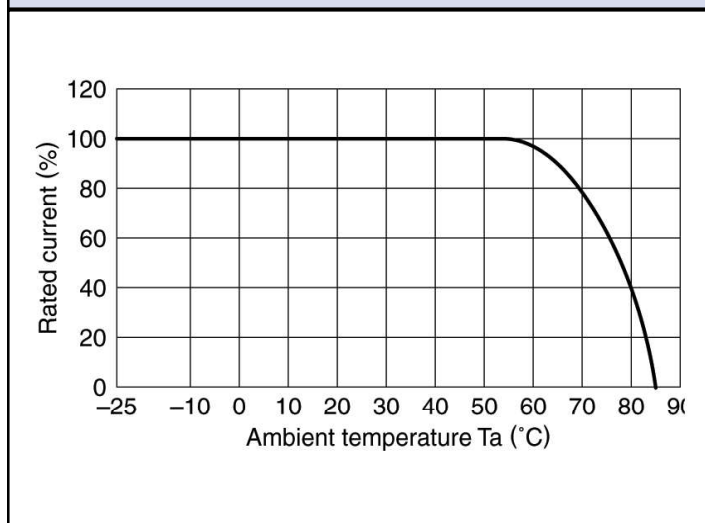
### Specifications

Model	RSAL-20R5W					RSAL-2001W					RSAL-2002W					RSAL-2003W					RSAL-2006W																			
	RSAL-20R5A					RSAL-2001A					RSAL-2002A					RSAL-2003A					RSAL-2006A																			
RSAL-20R5WL					RSAL-2001WL					RSAL-2002WL					RSAL-2003WL					RSAL-2006WL																				
RSAL-20R5AL					RSAL-2001AL					RSAL-2002AL					RSAL-2003AL					RSAL-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																				RSAL-20xxx 1mA; RSAL20xxxL 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	-																				UL1283, CSA C22.2 No.8, EN60939																			
Weight	g																				61g Maximum																			
Warranty	yr																				5 Year																			

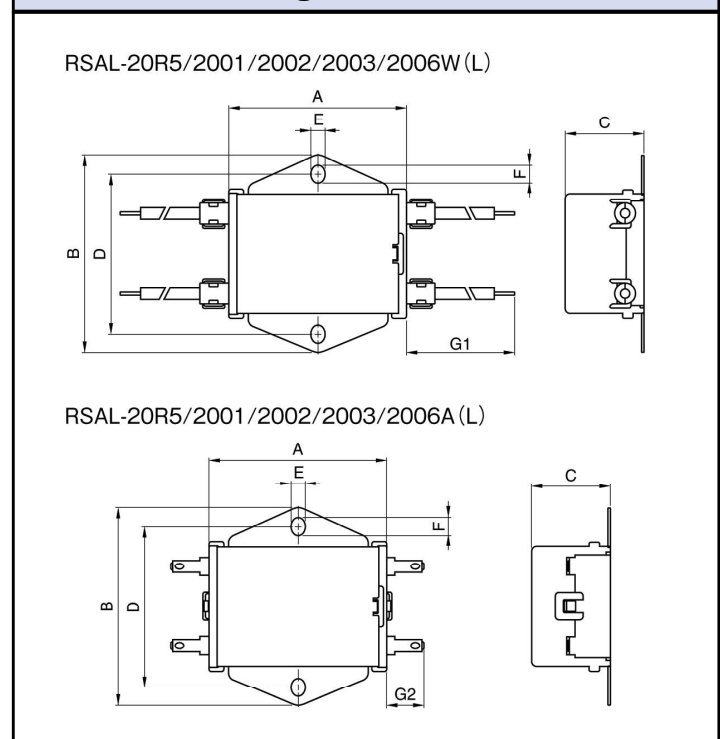
### Options

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

### Derating



### Outline Drawing



## Circuit

RSAL-2 \*\*\* W  
RSAL-2 \*\*\* A



RSAL-2 \*\*\* WL  
RSAL-2 \*\*\* AL



## Attenuation Characteristics

RSAL-20R5W/A



RSAL-2001W/A



RSAL-2002W/A



RSAL-2003W/A



RSAL-2006W/A



RSAL-20R5WL/AL



RSAL-2001WL/AL



RSAL-2002WL/AL



RSAL-2003WL/AL



RSAL-2006WL/AL



For Additional Information, please visit  
[us.tdk-lambda.com/lp/products/r-series.htm](http://us.tdk-lambda.com/lp/products/r-series.htm)

