

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																								

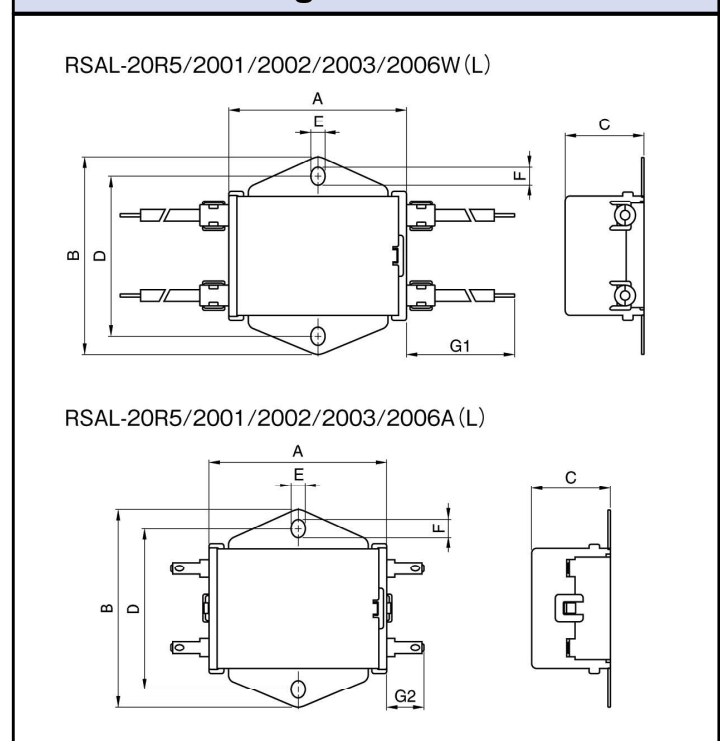
Options

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

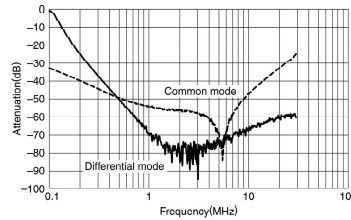


Attenuation Characteristics

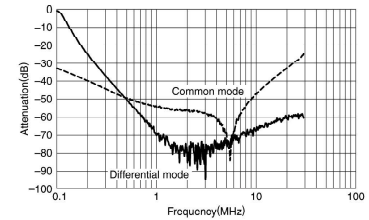
RSAL-20R5W/A



RSAL-2001W/A



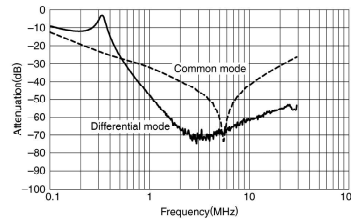
RSAL-2002W/A



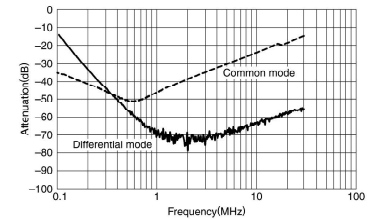
RSAL-2003W/A



RSAL-2006W/A



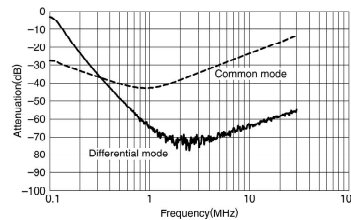
RSAL-20R5WL/AL



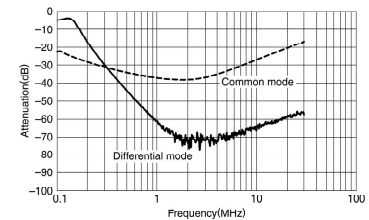
RSAL-2001WL/AL



RSAL-2002WL/AL



RSAL-2003WL/AL



RSAL-2006WL/AL



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

