

**Introducing**  
CORCOM SRB Series  
Power Line Filter with  
Slide-in Mounting Style

# CORCOM SRB Series Power Line Filter with Slide-in Mounting Style

## Key Features

Unique Slide-In Mounting Style

UL Recognized and CSA Certified for 15 Amps at 250V

VDE Approved for 10 Amps at 250V

Unfiltered or Filtered

Compact Depth

X Version Available Now

Y Version - Coming Soon



## DESCRIPTION

The newest addition to the SRB series filter features a unique, panel mounting option. This new 'slide-in' mounting approach provides a simple, cost effective installation method, reducing the need for additional mounting hardware. The slide-in product offers two versions of the new mounting style with either retention capability along the short edges of the filter (X Style) or retention capability along the long edges of the filter (Y Style).

## APPLICATIONS

Communications

Computer and Consumer Electronics

Industrial and Commercial

Instrumentation and Medical Equipment

## ELECTRICAL

Max. leakage current, line to ground:

Capacitor Identifier/Value	@ 120/VAC 60 Hz	@ 250 VAC 50 Hz
Blank / None	2 $\mu$ A	5 $\mu$ A
Q / 33pF	2.1 $\mu$ A	3.65 $\mu$ A
R / 100pF	9.6 $\mu$ A	16.6 $\mu$ A
S / 220pF	19.2 $\mu$ A	33.2 $\mu$ A
T / 330pF	24.0 $\mu$ A	41.5 $\mu$ A
W / 470pF	0.04mA	0.07mA
X / 1000pF	0.07mA	0.13mA

Rated current: 15A

Rated voltage (max.): 250 VAC

Operating frequency: 50/60 Hz

## MINIMUM INSERTION LOSS IN dB:

Line-to-ground in 50 ohm circuit

Capacitor ID	Frequency - MHz					
	1	5	10	50	100	300
Q	-	-	-	-	-	20
R	-	-	-	3	6	22
S	-	-	1	6	17	19
T	-	-	2	13	13	19
W	-	2	4	18	13	20
X	-	5	9	25	10	17

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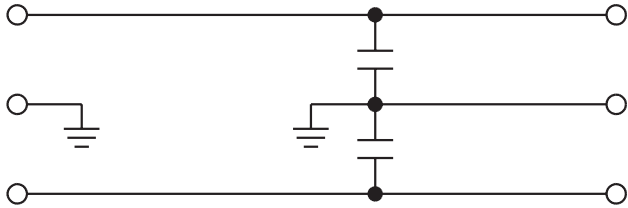


**STANDARDS AND SPECIFICATIONS**



- UL Recognized for 15 Amps at 250V
- RoHS Compliant
- CSA Certified for 15 Amps at 250V
- VDE Approved for 10 Amps at 250V

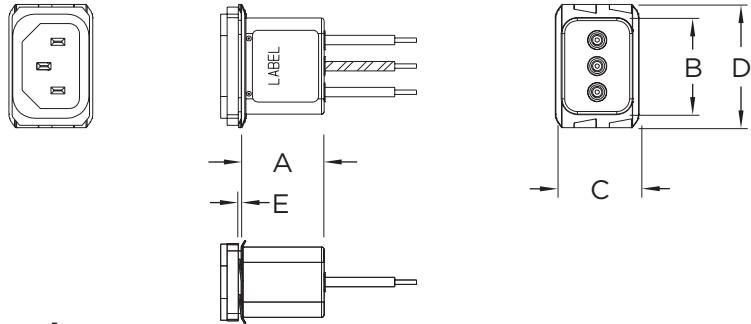
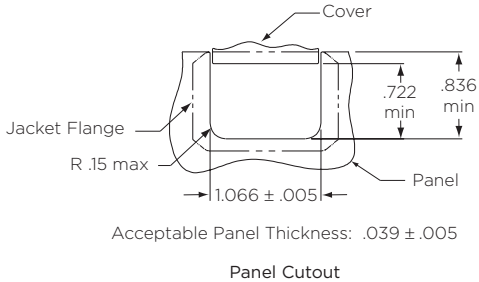
**ELECTRICAL SCHEMATIC**



**PRODUCT DIMENSIONS AND PART NUMBERS**

- |           |            |
|-----------|------------|
| 15SRBX8   | 15SRBY8*   |
| 15SRBX8-Q | 15SRBY8-Q* |
| 15SRBX8-R | 15SRBY8-R* |
| 15SRBX8-S | 15SRBY8-S* |
| 15SRBX8-T | 15SRBY8-T* |
| 15SRBX8-W | 15SRBY8-W* |
| 15SRBX8-X | 15SRBY8-X* |

\*Coming soon



**Typical Dimensions:**

Style 8 wire leads: 4.0 [101.6] min. 1-15A, 18AWG

**Case Dimensions:**

Part No.	A (max.)	B (max.)	C (max.)	D (max.)	E $\pm .005$ $\pm .127$
15SRBX8	.95 <i>24.1</i>	1.11 <i>28.2</i>	.96 <i>24.4</i>	1.41 <i>35.8</i>	.039 <i>1.0</i>

*Dimensions are in inches and millimeters unless otherwise specified. Values in italics are metric equivalents. Dimensions are shown for reference purposes only. Specifications subject to change.*

## For More Information

### Technical Support

CORCOM Phone: 1-847-573-6597  
Internet: [www.corcom.com](http://www.corcom.com)  
E-mail: [corcomtechhelp@tycoelectronics.com](mailto:corcomtechhelp@tycoelectronics.com)

### General Support

Internet: [www.tycoelectronics.com](http://www.tycoelectronics.com)  
E-mail: [newproducts@tycoelectronics.com](mailto:newproducts@tycoelectronics.com)  
Phone: 1-800-522-6752  
USA: 1-800-468-2023  
Canada: 1-905-470-4425  
Mexico: 1-800-733-8926  
C. America: 52-55-1106-0803  
South America: 55-11-2103-6000  
Germany: 49-89-6089-0  
Hong Kong: 852-2735-1628  
Japan: 81-44-844-8013  
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