

Introducing

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

Tyco Electronics

Our commitment. Your advantage.

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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

RoHS Ready

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	2µA	5µA
Q / 33pF	2.1µA	3.65µA
R / 100pF	9.6µA	16.6µA
S / 220pF	19.2µA	33.2µA
T / 330pF	24.0µA	41.5µA
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

	Frequency - MHz					
Capacitor ID	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



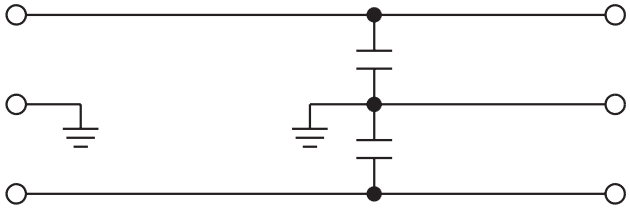
UL Recognized for 15 Amps at 250V

RoHS Compliant

CSA Certified for 15 Amps at 250V

VDE Approved for 10 Amps at 250V

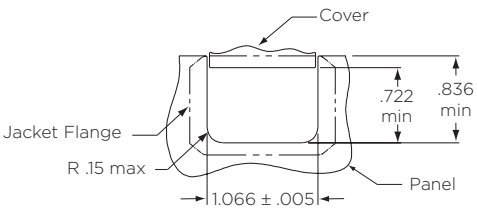
ELECTRICAL SCHEMATIC



PRODUCT DIMENSIONS AND PART NUMBERS

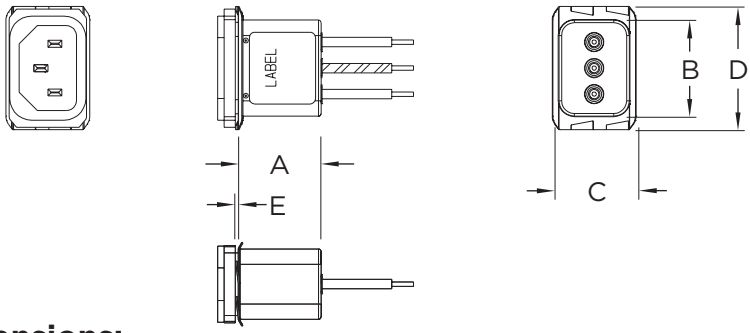
15SRBX8	15SRBY8*
15SRBX8-Q	15SRBY8-Q*
15SRBX8-R	15SRBY8-R*
15SRBX8-S	15SRBY8-S*
15SRBX8-T	15SRBY8-T*
15SRBX8-W	15SRBY8-W*
15SRBX8-X	15SRBY8-X*

*Coming soon



Acceptable Panel Thickness: .039 ± .005

Panel Cutout



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 ± .005 / *± .127*
15SRBX8	.95 *24.1*	1.11 *28.2*	.96 *24.4*	1.41 *35.8*	.039 *1.0*

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

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