



CORCOM Filter Products

SRB Series

Small Sized IEC-Filter

Sehr kompakter IEC-Filter

General Information / Allgemeine Informationen

- One of the smallest footprints available on the market
 - Compact dimensions
 - Easy-to-install design
 - Complete Shield design
 - Various capacitance values
 - Varying levels of common mode performance
 - Snap-in or flange mounting
 - Different terminal types
 - Suitable for power supplies or other applications requiring minimum footprint
- Eine der geringsten Einbautiefen am Markt
 - Kompakte Abmessungen
 - Einfache Montage
 - Vollständig geschirmtes Gehäuse
 - Mehrere unterschiedliche Kapazitätswerte
 - Unterschiedliche Dämpfungseigenschaften bei asymmetrischen Störungen
 - Einschub- oder Schraubmontage
 - Verschiedene Anschlussvarianten
 - Verwendbar für Stromversorgungen oder andere Anwendungen, die eine sehr kleine Lösung benötigen



Electrical Specifications / Elektrische Eigenschaften

Maximum leakage current, each line to ground
Maximaler Ableitstrom, je Phase zu Erde

Capacitor ID / Value Kondensator ID / Wert	@ 120 VAC 60 Hz	@ 250 VAC 50 Hz
Blank / None / Ohne / kein Wert	2 µA	5 µA
Q / 33 pF	2,1 µA	3,65 µA
R / 100 pF	9,6 µA	16,6 µA
S / 220 pF	19,2 µA	33,2 µA
T / 330 pF	24,0 µA	41,5 µA
W / 470 pF	0,04 mA	0,07 mA
X / 1000 pF	0,07 mA	0,13 mA
Y / 2200 pF	0,16 mA	0,28 mA
Z / 3300 pF	0,24 mA	0,42 mA

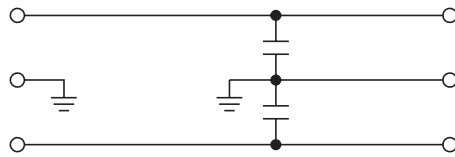
Hipot rating (one minute) / Hochspannungsfestigkeit (eine Minute)

line to ground / Phase zu Erde 1500 VAC
 line to line / Phase zu Phase 1450 VDC

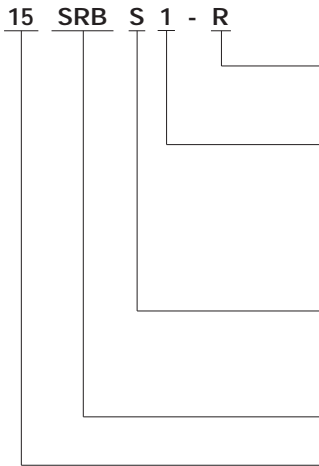
Operating Frequency / Nennfrequenz 50 / 60 Hz

Rated voltage (max.) / Nennspannung (max.) 250 VAC

Electrical Schematic / Elektrischer Schaltplan



Ordering Information / Bestellinformationen



Capacitor Value ID / Identifikation Kondensatorwert - / Q / R / S / T / W / X / Y / Z
For value identification see specifications / zur Wertermittlung siehe Elektrische Eigenschaften

Terminal Type / Anschlussart
1 – FASTON 6,35 mm
2 – FASTON 6,35 mm angle 90° / abgewinkelt
P – PCB Pins / Leiterplattenmontage
8 – Wire Leads AWG18 / Kabelanschluss AWG18

Installation / Einbauart
S – Snap In
None – Flange Mounting / Ohne – Schraubmontage

SRB Series

Current Rating / Stromstärke (UL 15 A / VDE 10 A)

SRB-Series

Type	Order no.	Max. current UL/VDE	Capacitor value identifier	Capacitor value
15SRB1	6609987-9	15 A / 10 A	Blank	None
15SRB2	5-6609987-4	15 A / 10 A	Blank	None
15SRB8	1-6609987-8	15 A / 10 A	Blank	None
15SRBP	4-6609987-5	15 A / 10 A	Blank	None
15SRB1-Q	6609987-1	15 A / 10 A	Q	33 pF
15SRB2-Q	4-6609987-6	15 A / 10 A	Q	33 pF
15SRB8-Q	1-6609987-0	15 A / 10 A	Q	33 pF
15SRBP-Q	3-6609987-7	15 A / 10 A	Q	33 pF
15SRB1-R	6609987-2	15 A / 10 A	R	100 pF
15SRB2-R	4-6609987-7	15 A / 10 A	R	100 pF
15SRB8-R	1-6609987-1	15 A / 10 A	R	100 pF
15SRBP-R	3-6609987-8	15 A / 10 A	R	100 pF
15SRB1-S	6609987-3	15 A / 10 A	S	220 pF
15SRB2-S	4-6609987-8	15 A / 10 A	S	220 pF
15SRB8-S	1-6609987-2	15 A / 10 A	S	220 pF
15SRBP-S	3-6609987-9	15 A / 10 A	S	220 pF
15SRB1-T	6609987-4	15 A / 10 A	T	330 pF

Type	Order no.	Max. current UL/VDE	Capacitor value identifier	Capacitor value
15SRB2-T	4-6609987-9	15 A / 10 A	T	330 pF
15SRB8-T	1-6609987-3	15 A / 10 A	T	330 pF
15SRBP-T	4-6609987-0	15 A / 10 A	T	330 pF
15SRB1-W	6609987-5	15 A / 10 A	W	470 pF
15SRB2-W	5-6609987-0	15 A / 10 A	W	470 pF
15SRB8-W	1-6609987-4	15 A / 10 A	W	470 pF
15SRBP-W	4-6609987-1	15 A / 10 A	W	470 pF
15SRB1-X	6609987-6	15 A / 10 A	X	1000 pF
15SRB2-X	5-6609987-1	15 A / 10 A	X	1000 pF
15SRB8-X	1-6609987-5	15 A / 10 A	X	1000 pF
15SRBP-X	4-6609987-2	15 A / 10 A	X	1000 pF
15SRB1-Y	6609987-7	15 A / 10 A	Y	2200 pF
15SRB2-Y	5-6609987-2	15 A / 10 A	Y	2200 pF
15SRBP-Y	4-6609987-3	15 A / 10 A	Y	2200 pF
15SRB1-Z	6609987-8	15 A / 10 A	Z	3300 pF
15SRB2-Z	5-6609987-3	15 A / 10 A	Z	3300 pF
15SRBP-Z	4-6609987-4	15 A / 10 A	Z	3300 pF

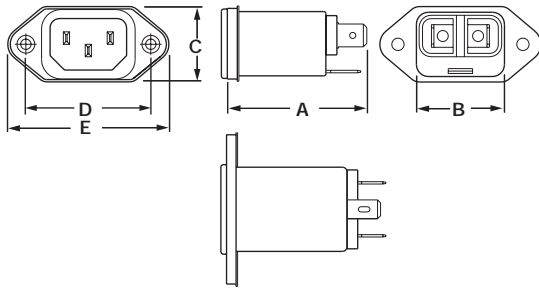
SRBS-Series

Type	Order no.	Max. current UL/VDE	Capacitor value identifier	Capacitor value
15SRBS1	2-6609987-7	15 A / 10 A	Blank	None
15SRBS8	3-6609987-6	15 A / 10 A	Blank	None
15SRBS1-Q	1-6609987-9	15 A / 10 A	Q	33 pF
15SRBS8-Q	2-6609987-8	15 A / 10 A	Q	33 pF
15SRBS1-R	2-6609987-0	15 A / 10 A	R	100 pF
15SRBS8-R	2-6609987-9	15 A / 10 A	R	100 pF
15SRBS1-S	2-6609987-1	15 A / 10 A	S	220 pF
15SRBS8-S	3-6609987-0	15 A / 10 A	S	220 pF

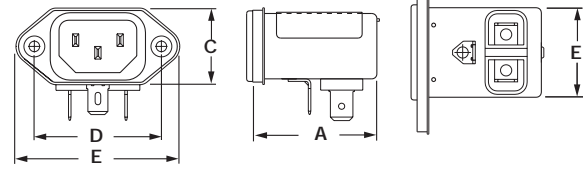
Type	Order no.	Max. current UL/VDE	Capacitor value identifier	Capacitor value
15SRBS1-T	2-6609987-2	15 A / 10 A	T	330 pF
15SRBS8-T	3-6609987-1	15 A / 10 A	T	330 pF
15SRBS1-W	2-6609987-3	15 A / 10 A	W	470 pF
15SRBS8-W	3-6609987-2	15 A / 10 A	W	470 pF
15SRBS1-X	2-6609987-4	15 A / 10 A	X	1000 pF
15SRBS8-X	3-6609987-3	15 A / 10 A	X	1000 pF
15SRBS1-Y	2-6609987-5	15 A / 10 A	Y	2200 pF
15SRBS1-Z	2-6609987-6	15 A / 10 A	Z	3300 pF

Case Styles / Gehäuseformen

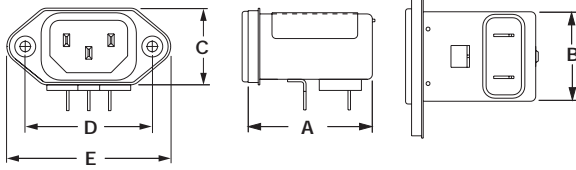
SRB1



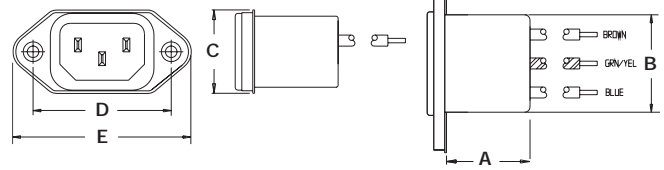
SRB2



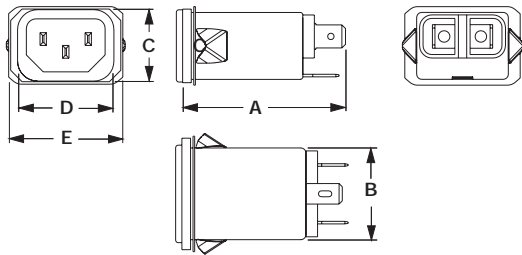
SRBP



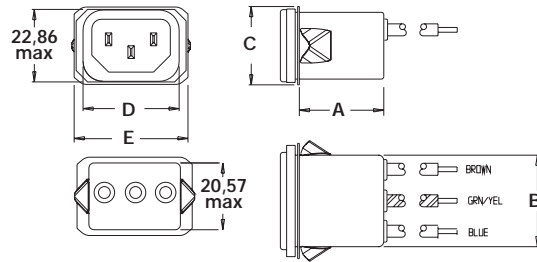
SRB8



SRBS1



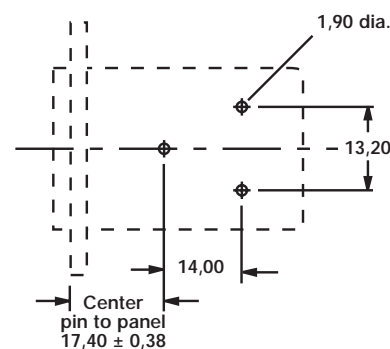
SRBS8



Case Dimensions / Gehäuseabmessungen

Typ	A (max)	B (max)	C (max)	D (+/-0.38)	E (max)
15SRB1	44,45	28,70	24,38	40,00	51,76
15SRB2	39,12	28,70	24,38	40,00	51,76
15SRBP	39,12	28,70	24,38	40,00	51,76
15SRB8	23,82	28,70	24,38	40,00	51,76
15SRBS1	44,45	28,70	24,38	30,10	35,81
15SRBS8	28,45	28,70	24,38	30,10	35,81

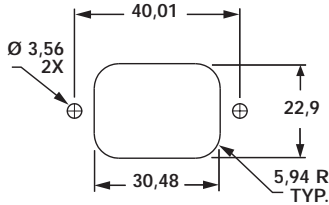
PC Board Layout for SRBP / Platinenbohrungen für SRBP



Recommended Panel Cutouts / Gehäuseausschnitt

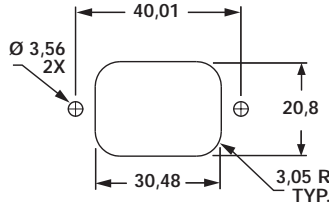
SRB

Back mounted
 Rückseitenmontage
 (SRB1 / SRB2 / SRB8 / SRBP)



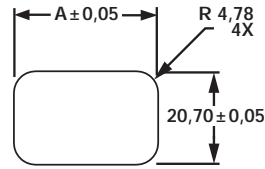
Tolerance / Toleranz
 Panel thickness / Stärke Montageplatte

Front mounted
 Frontmontage
 (SRB1 / SRB8)



+/-0,13 mm
 0,78 – 1,19 mm

SRBS



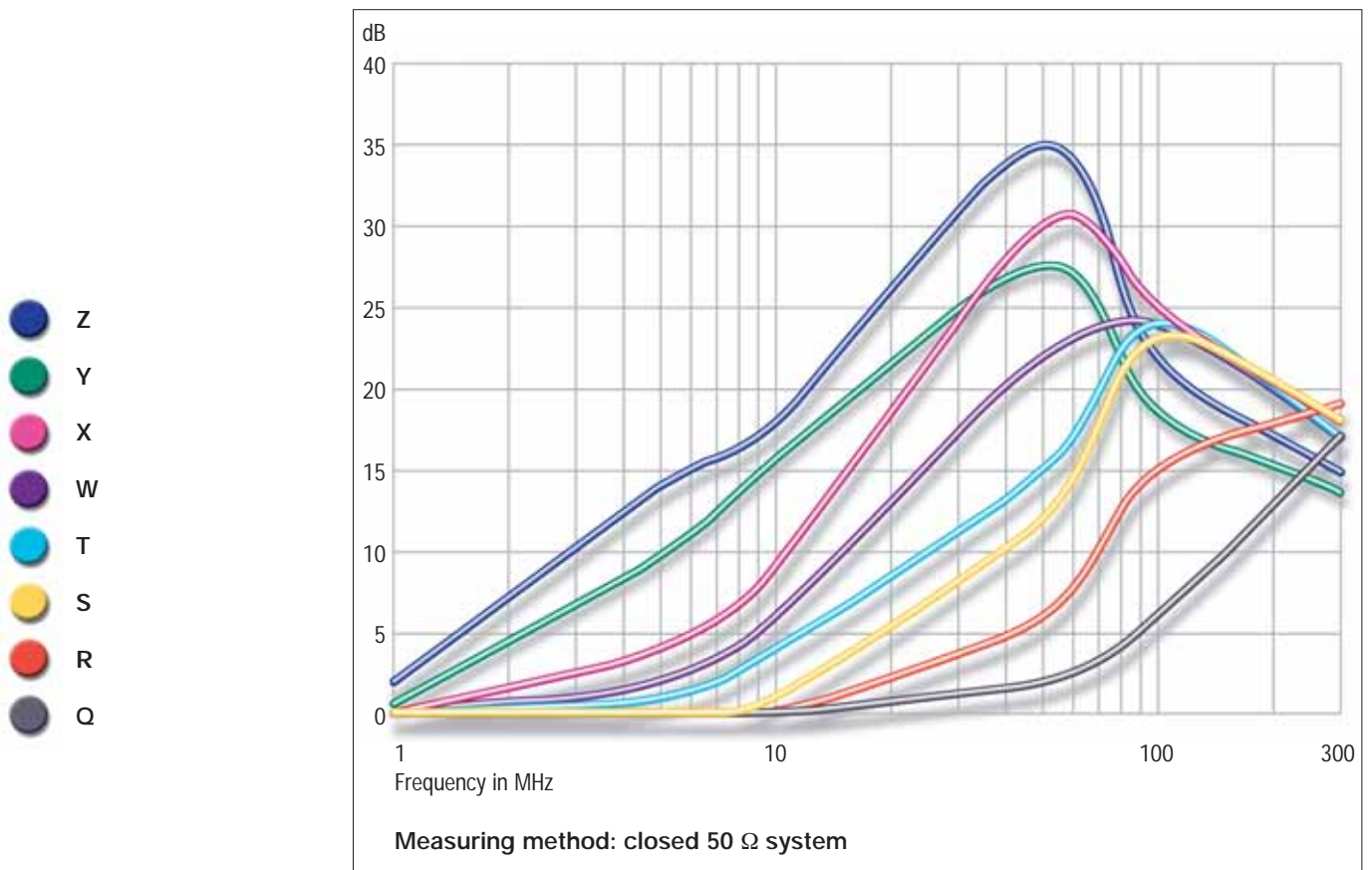
Panel thickness
 Stärke Montageplatte
 0,790 – 1,320 mm
 1,117 – 1,730 mm

Dim. A +/-0,05 mm
 Maß A +/-0,05 mm
 32,00 mm
 34,29 mm

Typical Dimensions / Typische Abmessungen

FASTON	6,35 mm
- Holes / Löcher	1,80 mm
- Slot / Langloch (GND)	1,80 x 4,10 mm
Wire Leads / Kabelanschluß	100 mm (min); AWG18
Mounting Holes countersunk / Montagelöcher eingesenkt	3,35 mm

Typ. Insertion Loss / Beispiel typischer Einfügungsdämpfung



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Fax: +36-1-289-1010

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Fax: +353-1-866-5714

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Lithuania – Vilnius

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