



CORCOM Snap-In Compact RFI Filter IEC Connector Package User Guide

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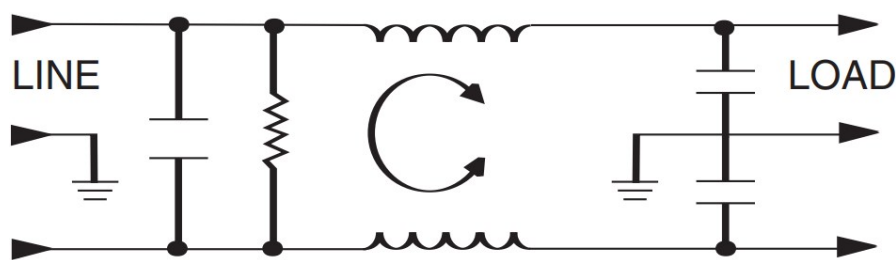
EAS Series

This filter offers the performance characteristics of the EEA susceptibility filter with the additional advantage of a snap-in panel mount. The EAS series supersedes the EF series by providing superior performance, particularly in the common mode at low frequencies

EBS Series

This filter offers the performance characteristics of the EEB susceptibility filter with the additional advantage of a snap-in panel mount. The EBS provides enhanced differential mode performance compared to both the EAS and EF series.

Electrical Schematic



Resistor location for reference only.

Specifications

Maximum leakage current, each line-to-ground

@ 120 VAC 60 Hz: .22 mA

@ 250 VAC 50 Hz: .38 mA

Hipot rating (one minute):

line-to-ground 1500 VAC

line-to-line 1450 VDC

Operating frequency: 50/60 Hz

Rated voltage (max.): 250 VAC

Minimum insertion loss in dB:

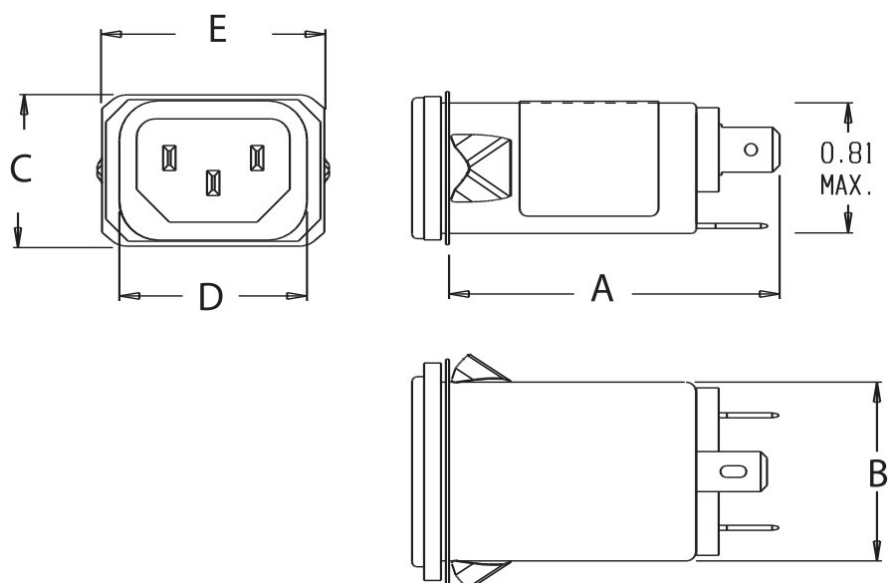
Line-to-ground in 50 ohm circuit

Current Rating	.01	.05	.1	Frequency-MHz.15 .5 1 5						10	30
EAS Models											
1A	12	23	29	32	41	47	47	47	47	40	
3A	—	10	15	19	30	36	48	48	50	47	
6A	—	1	4	10	22	28	42	42	48	47	
10A	—	1	3	5	14	20	32	32	38	47	
15A	—	—	—	1	5	8	20	20	25	40	
EBS Models1A 12 23 29 32 41 47 47 47 40											
3A	— ¹ ₀	14	18	30	36	48	50	50	47		
6A	— ₁	4	10	22	28	42	48	48	47		
10A	— ₁	3	5	14	20	32	38	38	47		
15A	— _—	—	1	5	8	20	26	26	40		

EAS Models 1A 1		9	1 9	3 2	42	4 5	4 0
3A	2	4	6	2 0	35	4 5	4 0
6A	2	4	6	6	24	4 0	4 0
10A	1	4	5	5	5	3 0	4 0
15A	1	4	4	1 2	14	1 5	4 0
Current			Frequency- MHz				
Rating	.01		1 5	.5 5	1 3	1 0	3 0
EBS Models 1A 1			3	1 4	2 3	4 1	4 7
3A	1		2	1 1	1 4	2 5	3 8
6A	1		2	1 0	1 4	2 0	3 3
10A	1		2	1 0	1 6	1 9	1 9
15A	—		2	1 0	1 6	2 4	2 8

Case Style

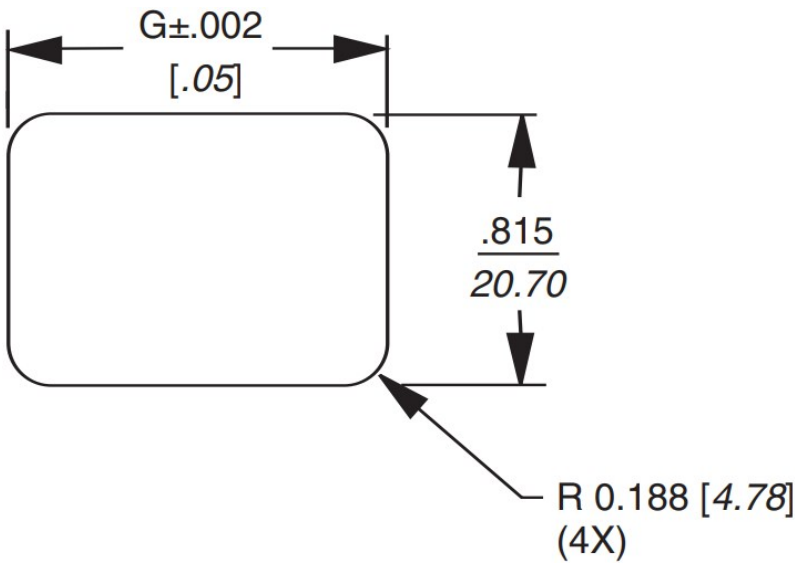
EAS1/EBS1



Typical dimensions:
Terminals: .250 [6.35] (3)

Holes: .07 [1.8] Dia.(2)
Slot: .07 x .16 [1.8 x 4.1]

Recommended Panel Cutout



Panel Thickness	G Dim.±.002
0.031 – 0.052 [.79 – 1.32]	1.260 [32.00]
0.046 – 0.068 [1.17 – 1.73]	1.350 [34.29]

Case Dimensions

Part No.	A (max)	B (max)	C (max)	D (max)	E (max)
EAS1, EBS1	2.20 55.88	1.15 29.2	96 24.38	1.185 30.10	1.41 35.81

Part Numbers

1EAS1	1EBS1
3EAS1	3EBS1
6EAS1	6EBS1
10EAS1	10EBS1
15EAS1	15EBS1

Line Cord No. GA400
Insulating Boot No. FA601. GA400
Insulating Boot No. FA601

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.

USA Cust. Svc.: 1-800-468-2023
CORCOM Prods: 1-847-680-7400

Germany: 49-89-6089-0

www.corcom.com
www.tycoelectronics.com

Documents / Resources



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or Package, IEC Connector Package, Connector Package, Package

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