RF Line Filters *(Cont.)*

PC Board Mountable Filters

EDP Series: These RFI power line filters provide enhanced differential-mode performance for applications requiring more line-to-line protection.
EOP Series: A general purpose filter which is effective in removing both common and differential-mode noise for susceptibility applications.
X Series: This series was designed to bring most digital equipment (including switching power supplies) into compliance with FCC Part 15J, Class B conducted emission limits.
Z Series: A design that brings most digital equipment (including switching power supplies) into compliance with EN55022 Level B, (as well as FCC Part 15J, Class B) conducted emission limits.

Fig.	Rated Current 120 V (Amps)	Termination	Dimension in mm A	B	C	D	Digi-Key Part No.	Price Each 1	25	100	Corcom Part No.
EDP Series — For General Purpose Applications — RoHS Compliant											
1	1	PCB	36.6	31.5	24.15	—	CCM1364-ND	21.99	15.38	12.85	1EDP
	3		36.6	31.5	24.15	—	CCM1365-ND	20.05	14.01	11.71	3EDP
	10		36.6	31.5	24.15	—	CCM1742-ND	21.77	15.22	12.72	10EDP
EOP Series — For General Purpose Application — RoHS Compliant											
1	1	PCB	36.6	31.5	19.9	—	CCM1366-ND	18.06	12.63	10.55	1EOP
	3		36.6	31.5	19.9	—	CCM1367-ND	16.19	11.32	9.45	3EOP
	10		36.6	31.5	19.9	—	CCM1673-ND	17.12	12.00	9.99	10EOP
X Series — For Emission Control Applications — RoHS Compliant											
2	3	PCB	66.80	28.70	41.15	—	CCM1370-ND	28.71	20.07	16.76	3EXP
	6		66.29	28.70	44.45	—	CCM1371-ND	44.28	30.96	25.85	6EXP
Z Series — For Emission Control Applications											
2	1	PCB	66.3	28.7	41.1	—	CCM1682-ND◆	35.86	25.08	20.95	1EZP
	2		66.3	28.7	44.4	—	CCM1368-ND◆	35.77	25.02	20.89	2EZP
	3		66.3	28.7	44.4	—	CCM1369-ND	35.86	25.07	20.94	3EZP
3	3	Faston	89.9	52.8	33.3	74.63	CCM1696-ND◆	41.53	29.06	24.25	3EZ1

◆ *RoHS Compliant*

Fig. 1

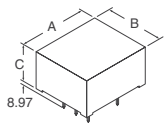


Fig. 2

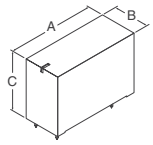
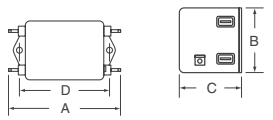


Fig. 3



E

DC Filters

DA Series: The DA series filters were designed as general purpose line filters for DC applications up to 125VDC. They are compact with a 3-pin inlet connector. The DA series addresses the increasing need for DC rated filters with a standard DC power inlet. Any internal DC connection within larger multi-component systems, or external DC connection between user installed components which require filtering will benefit.

DC Series: The DC series filters were designed as general purpose line filters for DC applications. They are available with or without circuit breakers for extra protection. These filters are generally used in central office equipment like switches, routers, and hubs to clean up the 48VDC power, but are not exclusive to that equipment. They can also be used at the primary input of the DC power supply.

Fig.	Rated Current 120 V (Amps)	Termination	Dimension in mm A	B	C	D	E	Digi-Key Part No.	Price Each 1	25	100	Corcom Part No.
DA Series — Compact RFI Filter with DC Inlet Connector												
1	3	Faston	54.61	—	20.57	40.01	50.29	CCM1745-ND	16.05	11.22	9.38	3DAF1
	10		54.61	—	20.57	40.01	50.29	CCM1743-ND	16.60	11.60	9.70	10DAF1
DC Series — RFI Power Line Filters for DC Applications												
2	15	Stud	135.40	78.70	45.20	68.0	50.80	CCM1737-ND	81.47	74.15	62.74	15DCF6
	30		157.20	100.60	55.40	88.9	50.80	CCM1828-ND	100.63	91.59	77.50	30DCF6

Fig. 1

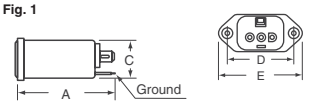
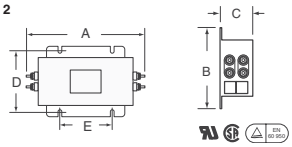


Fig. 2



IEC Inlet Line Filters

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.

EBF Series: The EBF accessory outlet filters provides an innovative means of connecting accessories while filtering noise between a system and the accessories attached. These filters provide enhanced performance utilizing common mode inductance and differential mode capacitance for attenuation of noise across the frequency range. The filtered connector offers the additional advantage of a grounded connection and features low leakage current required for international usage.

EBS Series: This filter offers the performance characteristics of the EEB susceptibility filter with the additional advantage of a snap-in panel mount.

EC Series: This series of filtered power entry modules provides the highest attenuation of any standard filter available in a package size limited by the dimensions of the integral IEC connector. These filters combine high common-mode inductance with high differential-mode capacitance and minimal parasitic elements, for effective attenuation of line-to-ground and line-to-line noise across the frequency range.

ED Series: These filtered power entry modules are more effective than general purpose filters in applications where line-to-line and low frequency line-to-ground noise must be controlled.

EEA Series: A new design in both the internal structure and manufacturing process makes this series cost effective and compact.

EEB Series: This is a compact RFI filter with IEC socket. A new design in both the internal structure and manufacturing process makes this series cost effective and compact. Electrically, the EEB provides enhanced differential mode performance compared to both the EEA and EF series. Mechanically, its slimmer size makes it compatible with all similar filters on the market.

EEJ Series: The 1-15 Amp versions are flange mounted and mechanically equivalent to the EEA/EEB series. The performance has been enhanced to meet the needs for more attenuation. It also has an extended metal flange around the socket for improved high frequency EMI shielding. The EEJ series also includes a 20 Amp version that uses the inlet IEC 320/C20.

EF Series: This rugged international series of filtered power entry modules incorporates the special IEC power line connector. They are UL recognized, CSA certified, and VDE and SEV approved. Models with F suffix are SEMKO approved and comply with BSI standards.

EJS Series: The 1-15 Amp versions are snap-in mounted and mechanically equivalent to the EAS/EBS series. The performance has been enhanced to meet the needs for more attenuation. It has improved high frequency EMI shielding. The EJS series also includes a 20 Amp version that uses the inlet IEC 320/C20.

EJT Series: The EJT Series is a power inlet filter designed to attenuate noise up to 1 GHz. This inlet uses an IEC 320/C14 input connector. This product was designed to address the demand for more noise attenuation at higher frequencies in a compact inlet.

SRB Series: The SRB series is one of the smallest depth available on the market, it features a complete shield design with various capacitance values. The SRB series is rated up to 15A, 250VAC, 10A VDE. This product is ideally suited for power supplies or other applications which require a minimum depth low cost solution.

Fig.	Rated Current 120 V (Amps)	Termination	Dimension in mm A	B	C	D	E	Digi-Key Part No.	Price Each 1	25	100	Corcom Part No.
EAS Series — Snap-In Compact RFI Filter — RoHS Compliant												
1	3	Faston	55.88	29.2	24.38	29.97	35.81	CCM1691-ND	13.71	9.60	8.01	3EAS1
	6		55.88	29.2	24.38	29.97	35.81	CCM1701-ND	12.83	8.98	7.50	6EAS1
EBF Series — Accessory Outlet Filter — RoHS Compliant												
2	6	Faston	65.3	33.8	25.4	40.01	50.5	CCM1702-ND	18.53	12.95	10.83	6EBF1
EBS Series — Snap-In Compact RFI Filter — RoHS Compliant												
1	6	Faston, Straight	55.88	29.2	24.38	30.10	34.21	CCM1761-ND	16.33	11.42	9.55	6EBS1
EC Series — High Performance RFI Filter with IEC Connector — RoHS Compliant												
3	1	Faston, Straight	66.5	30.2	20.6	40.1	50.3	CCM1680-ND	25.68	17.96	15.00	1EC1
	3		66.5	30.2	20.6	40.01	50.3	CCM1623-ND	25.68	17.96	15.00	3EC1
	6		66.5	30.2	20.6	40.01	50.3	CCM1611-ND	25.68	17.96	15.00	6EC1
	10		66.5	30.2	20.6	40.01	50.3	CCM1646-ND	27.06	18.92	15.80	10EC1

◆ *RoHS Compliant*
† 1250W, 10A ~ 125VAC SVT, Black, UL, CSA. Not recommended for patient care applications due to leakage current of the line cord.

(Continued)

Fig. 1

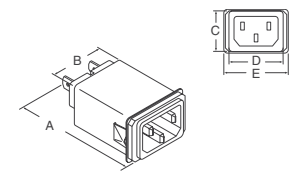


Fig. 2

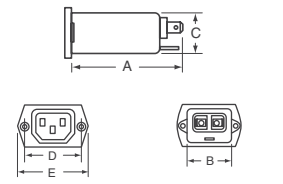


Fig. 3