

# DA Series

Compact  
RFI Line Filter  
with DC Inlet Connector



UL Recognized\*  
CSA Certified\*  
VDE Approved\*

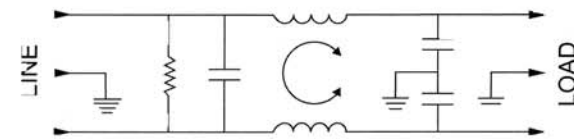
\* Approvals pending

## DA Series

The DA Series filters were designed as general purpose line filters for DC applications up to 80VDC. They are compact with a 3-pin inlet connector. They are available in 1, 3, 6, 10, 15 and 20 amp versions. They are flange mount with 1/4" or PCB terminals.

The DA Series was designed to address the increasing need for DC rated filters. It was originally designed for communication oriented customer premises equipment and central office equipment, but is not restricted to that. Some examples include desktop servers, routers, switches, multiplexors, aggregators, concentrators, etc.

## Electrical Schematic



## Specifications

Hipot rating (one minute):	
line-to-ground	2250 VDC
line-to-line	1450 VDC
Rated voltage (max):	80 VDC

Minimum insertion loss in dB:

Line-to-ground in 50 ohm circuit

Current Rating	Frequency-MHz
----------------	---------------

## Contact Factory

Line-to-line in 50 ohm circuit

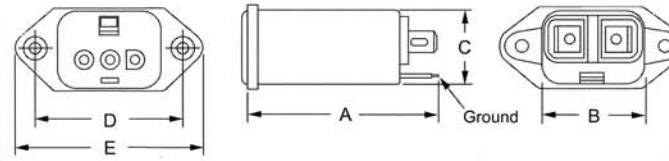
Current Rating	Frequency-MHz
----------------	---------------

## Contact Factory

## Case Styles

Metric shown in italics.

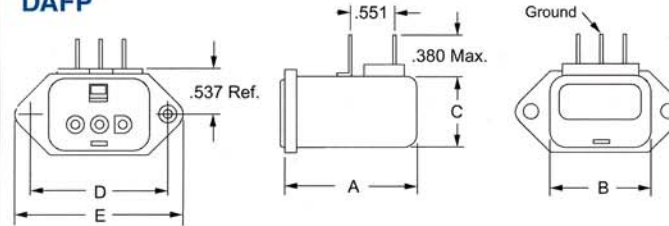
### DAF1



Typical dimensions

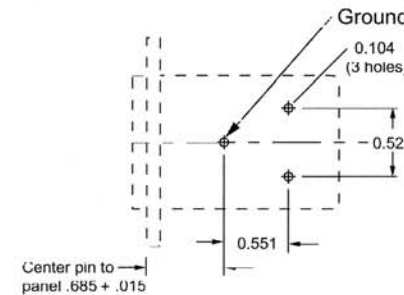
Terminals:  $\frac{.250}{6.35}$  (3) Holes:  $\frac{.07}{1.8}$  Dia.(2) Slot:  $\frac{.07 \times .16}{1.8 \times 3.8}$  (1)

### DAFP

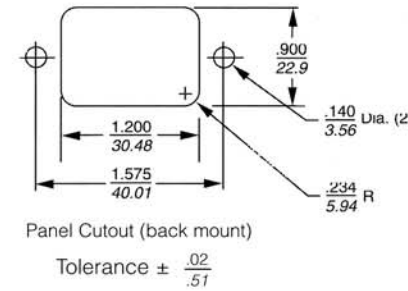


Mounting holes:  $\frac{.132}{3.35}$  Dia.(2) with .260 Dia. x 90° countersunk for #4 Flathead Screw.

## PCB Layout



## Recommended Panel Cutout



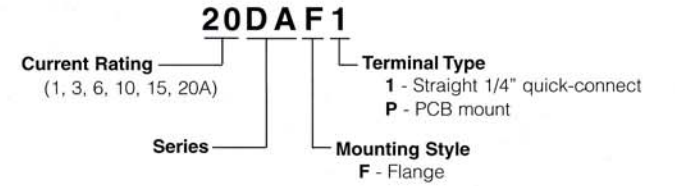
## Case Dimensions

Metric shown in italics.

Part No.	A (max)	B (max)	C (max)	D $\pm .010$ $\pm .25$	E (max)
EEA1	2.15 54.6	1.12 28.45	0.81 20.6	1.575 40.01	1.98 50.3
EEAP	1.54 39.1	1.12 28.45	0.81 20.6	1.575 40.01	1.98 50.

## Ordering Information

Consult your local Corcom sales representative for pricing.



## Available Part Numbers \*Contact factory for availability

1DAF1*	10DAF1*
1DAFP*	10DAFP*
3DAF1*	15DAF1*
3DAFP*	15DAFP*
6DAF1*	20DAF1*
6DAFP*	20DAFP*