

## The CHAMELEON Adaptable Module for DC Applications

### P Series



UL Recognized  
CSA Certified  
TUV Certified

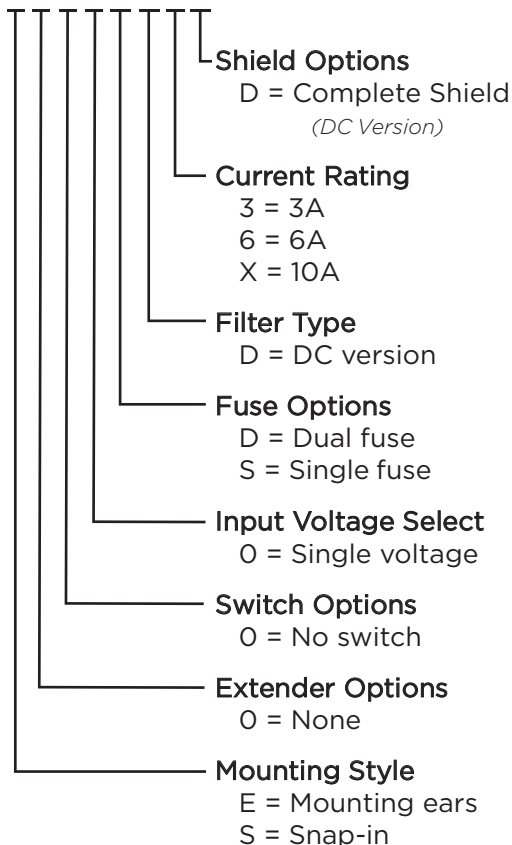


#### P Series

- Full flexibility of design in the most compact package
- General purpose designed for DC applications
- Mates with a standard MOLEX\* connector (HCS Series) which prevents accidental connection to AC Power

#### Ordering Information

PS000DD3D

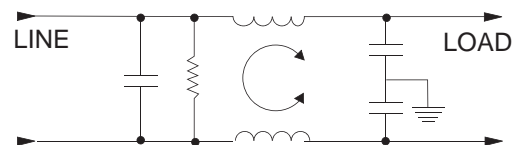


#### Specifications

<b>Hipot rating (one minute):</b>	
Line to Ground:	2250 VDC
Line to Line:	1450 VDC
<b>Rated Voltage (max):</b>	80 VDC
<b>Rated Current:</b>	3 to 10A
<b>Fuseholder*:</b>	.25 x 1.25" or 5 x 20 mm
<b>Terminals:</b>	.187 x .032 [4.8 x .87] terminal tabs
<b>Operating Ambient Temperature Range</b>	
<b>(at rated current <math>I_r</math>):</b>	
-10°C to +40°C	
In an ambient temperature ( $T_a$ ) higher than +40°C	
the maximum operating current ( $I_o$ ) is calculated as	
follows: $I_o = I_r \sqrt{(85-T_a)/45}$	

\*Holds one or two fuses. Conversion clip provided on fuseholder for single fuse models.

#### Electrical Schematic



#### Available Part Numbers

PE000DD3D	PS000DD3D
PE000DD6D	PS000DD6D
PE000DDXD	PS000DDXD
PE000SD3D	PS000SD3D
PE000SD6D	PS000SD6D
PE000SDXD	PS000SDXD

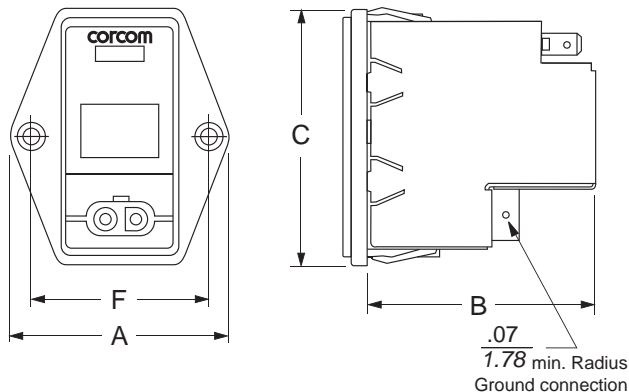
\*MOLEX is a trademark of MOLEX Incorporated

The CHAMELEON Adaptable Module for DC Applications *(continued)*

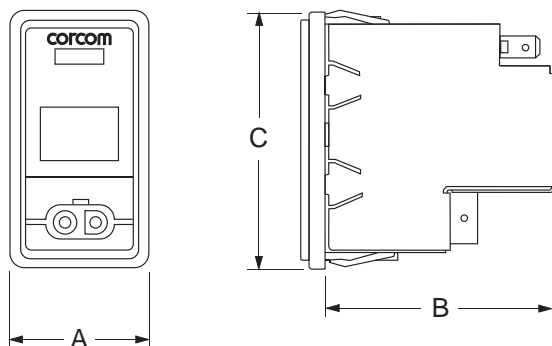
## P Series

### Case Styles

#### PE



#### PS



### Accessories



**GA210** – (shown above) Pre-assembled connector housing with two 36" long 18 gauge wires to mate with P Series DC filters

#### MOLEX Part Numbers:

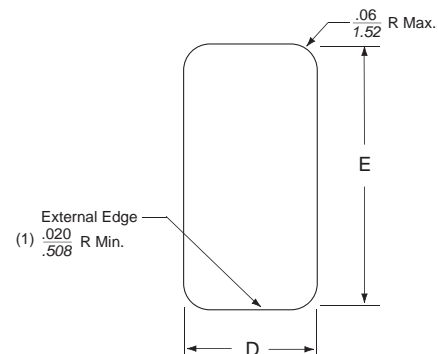
03-12-1026 DC Connector housing for P Series  
18-12-1222 Female terminals (2 per connector)

### Case Dimensions

Part No.	A (max.)	B (max.)	C (max.)	D *see note	E *see note	F (ref.)
PE	1.98 50.29	2.13 54.10	2.31 58.67	1.12 28.45	2.201 55.91	1.575 40.0
PS	1.24 31.50	2.13 54.10	2.31 58.67	1.06 26.93	2.201 55.91	-

\*+.008 / -.000 [ +.20 / -.00 ]

### Recommended Panel Cutouts



Note: The external edges (installation side) on the "D" sides of the cutout should have a minimum .020" radius. For optimal retention against extraction, the corresponding inner edge should be sharp, without paint or coatings. Edge coatings, including anodization are also discouraged for good shield contact.

### Performance Data

#### Minimum Insertion Loss

Measured in closed 50 Ohm system

Common Mode / Asymmetrical (Line to Ground)

Current Rating	Frequency – MHz								
	.03	.1	.15	.5	1	3	5	10	30
3A	7	17	21	27	33	40	44	50	32
6A	-	8	12	17	23	32	36	44	30
15A	-	3	5	10	13	23	27	35	27

Differential Mode / Symmetrical (Line to Line)

Current Rating	Frequency – MHz							
	.1	.15	.5	1	3	5	10	30
3A	2	4	12	15	30	48	50	45
6A	2	4	12	15	22	42	55	45
15A	2	4	12	15	22	42	55	45