

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

Hipot rating (one minute):	
Line to Ground:	2250 VDC
Line to Line:	1450 VDC
Rated Voltage (max):	80 VDC
Rated Current:	3 to 10A
Fuseholder*:	.25 x 1.25" or 5 x 20 mm
Terminals:	.187 x .032 [4.8 x .87] terminal tabs
Operating Ambient Temperature Range (at rated current I_r):	-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	B	C	D	E	F
	(max.)	(max.)	(max.)	*see note	*see note	(ref.)
PE	1.98 <i>50.29</i>	2.13 <i>54.10</i>	2.31 <i>58.67</i>	1.12 <i>28.45</i>	2.201 <i>55.91</i>	1.575 <i>40.0</i>
PS	1.24 <i>31.50</i>	2.13 <i>54.10</i>	2.31 <i>58.67</i>	1.06 <i>26.93</i>	2.201 <i>55.91</i>	-

*+.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