

APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

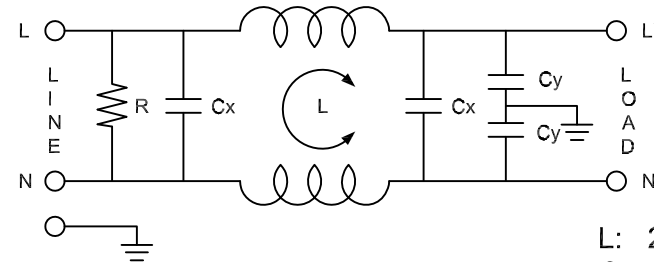
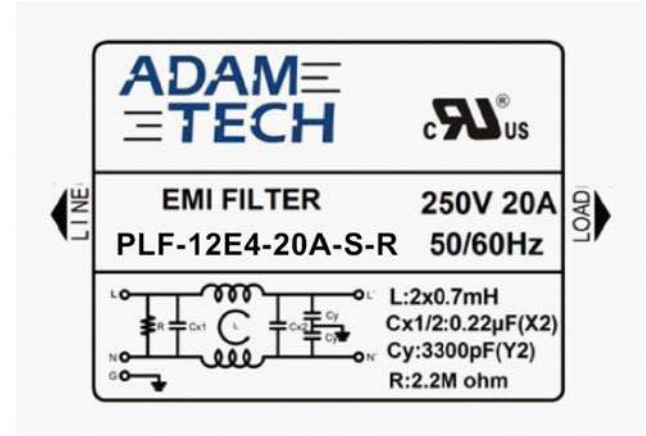
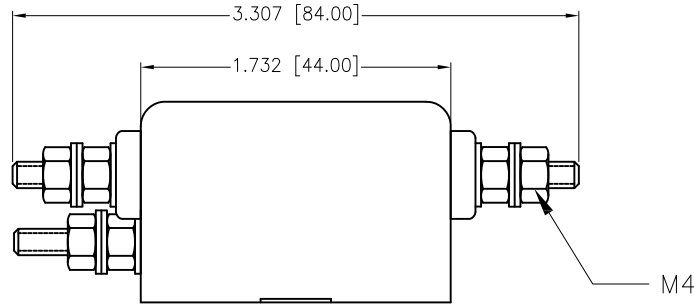
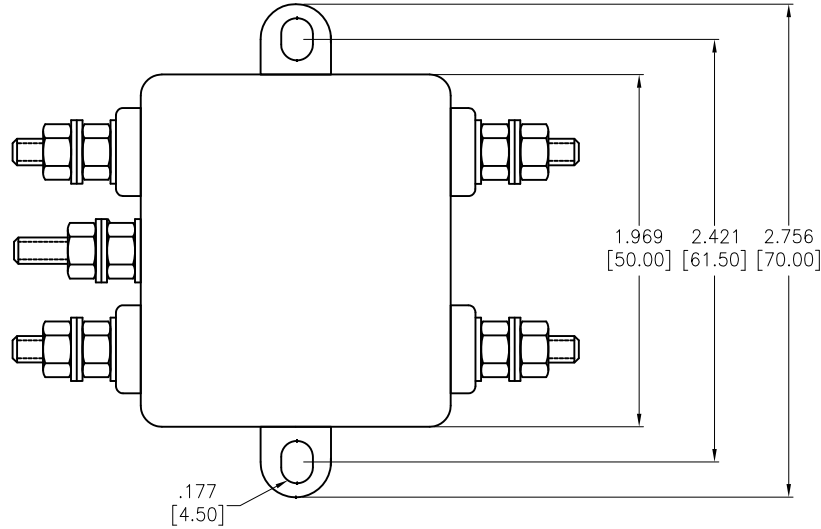
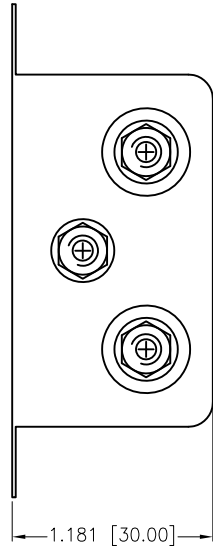
| Rev | AWO # | Description   | Date    | Appr  |
|-----|-------|---------------|---------|-------|
| -   |       | RELEASED      | 12/6/21 |       |
| A   |       | UPDATE SPEC.  | 4/11/22 | WX/RC |
| B   |       | ADDED DRAWING | 5/27/22 | WX/RC |

D

C

B

A



L: 2X0.7mH  
 Cx: 0.22uF(X2)  
 Cy: 3300pF(Y2)  
 R: 2.2M ohm

**SPECIFICATIONS:**

**Electrical:**

Voltage rating: 115/250 VAC  
 Current rating: 115/250 VAC: 10A RMS max  
 Leakage Current: Each Line To Ground  
 @115VAC/60HZ 0.4mA max  
 @250VAC/50HZ 0.8mA max

**Hipot Rating(For 1 Minute)**

A. Line to Ground: 2,250 VDC  
 B. Line to Line: 500 VDC  
 IR: 50 Mohm @500 VDC Any Input or Output to Ground

Temperature Rating:  
 -25°C to +85°C

**Environmental:**

Lead free, RoHS compliant



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

| INCHES |        | HOLES |        |
|--------|--------|-------|--------|
| .X     | ± .10  | Ø.X   | ± .10  |
| .XX    | ± .020 | Ø.XX  | ± .015 |
| .XXX   | ± .015 | Ø.XXX | ± .010 |

|          |    |         |
|----------|----|---------|
| DRAWN    | WX | 12/6/21 |
| CHECKED  | RC | 12/6/21 |
| APPROVED |    |         |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH



909 Rahway Avenue,  
 Union, NJ 07083  
 Phone: 908-687-5000  
 Fax: 908-687-5710

TITLE  
**EMI / RF POWER FILTER**  
**SMALL OUTLINE, CHASSIS MOUNT**

| SIZE | PART NO.         | REV. |
|------|------------------|------|
| X    | PLF-12E4-20A-S-R | B    |

|              |            |              |
|--------------|------------|--------------|
| REF: S00205C | SCALE: NTS | SHEET 1 OF 2 |
|--------------|------------|--------------|

6

5

4

3

2

1

6

5

4

3

2

1

6

5

4

3

2

1

APPROVED: \_\_\_\_\_

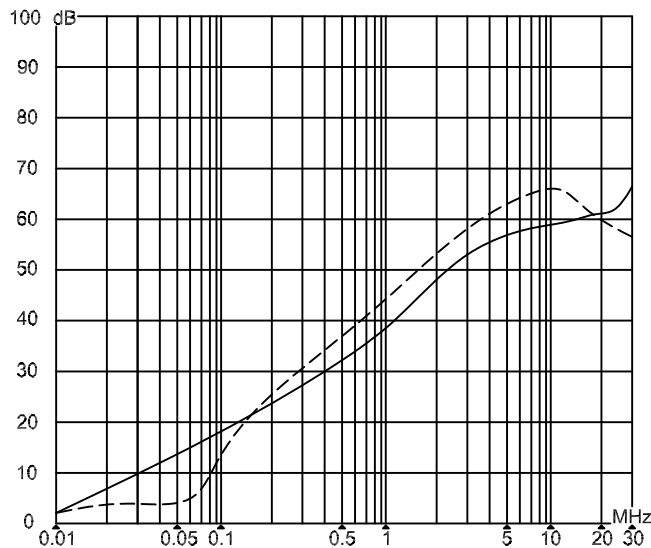
DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

|     |       |             |      |      |
|-----|-------|-------------|------|------|
| Rev | AWO # | Description | Date | Appr |
|-----|-------|-------------|------|------|

SEE SHT 1 OF 2 FOR REVISION

### INSERTION LOSS(IN 50 ohm system according IEC/CISPR

————— (common mode)  
 - - - - - (differential mode)



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

|        |        |       |        |
|--------|--------|-------|--------|
| INCHES |        | HOLES |        |
| .x     | ± .10  | ∅x    | ± .10  |
| .xx    | ± .020 | ∅xx   | ± .015 |
| .xxx   | ± .015 | ∅xxx  | ± .010 |



909 Rahway Avenue,  
Union, NJ 07083  
Phone: 908-687-5000  
Fax: 908-687-5710

|          |    |         |
|----------|----|---------|
| DRAWN    | WX | 12/6/21 |
| CHECKED  | RC | 12/6/21 |
| APPROVED |    |         |

|   |  |  |
|---|--|--|
| TITLE   |  |  |
| EMI / RF POWER FILTER<br>SMALL OUTLINE, CHASSIS MOUNT |  |  |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

|              |                              |              |
|--------------|------------------------------|--------------|
| SIZE<br>X    | PART NO.<br>PLF-12E4-20A-S-R | REV.<br>B    |
| REF: S00205C | SCALE: NTS                   | SHEET 2 OF 2 |

6

5

4

3

2

1