

Part # Search

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An Introduction to  
**Curtis Industries**  
A Div. of Powers Holdings, Inc.

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## Medical Filters – F3000/3100/3200/3400/3500 Series

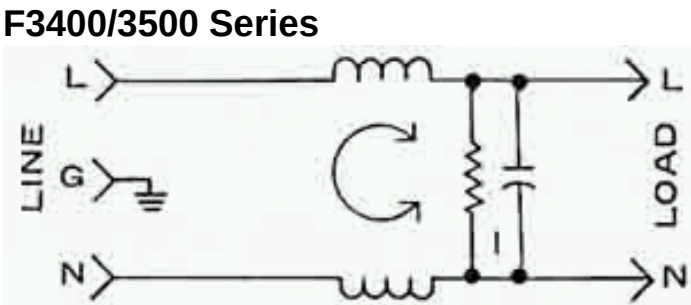
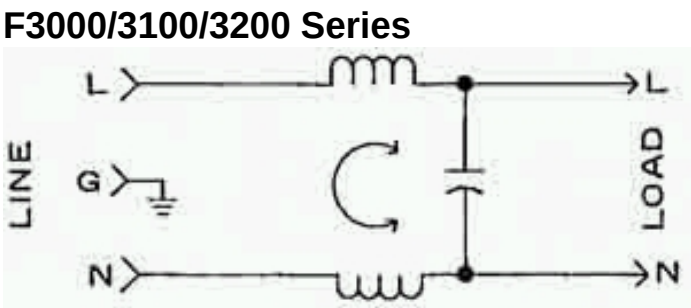


### Safety Agency Recognition/Approvals



All Units are Approved under VDE File No.11722 -4730 -1002 and 1004.

### Schematic



### Features

- Meets UL 544 specifications for medical and dental equipment
- Effective in low-leakage current applications
- F3400/3500 Series have enhanced differential mode performance

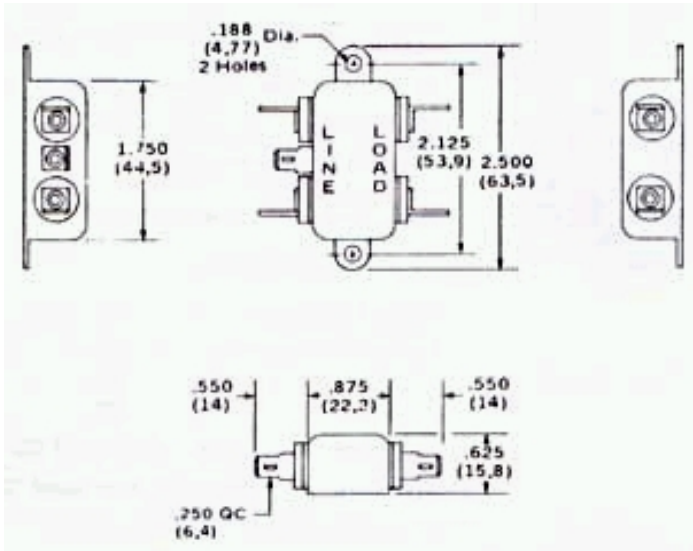
### Specifications

|                                                         |                                    |        |
|---------------------------------------------------------|------------------------------------|--------|
| Rated Voltage:                                          | 250VAC Max., 50/60 Hz.             |        |
| Rated Current at:                                       | 115VAC                             | 250VAC |
|                                                         | 3A                                 | 3A     |
|                                                         | 6A                                 | 5A     |
| Maximum Operating Ambient Temperature at Rated Current: | 40° C                              |        |
| Humidity Range:                                         | 0-95% R.H.                         |        |
| Insulation Resistance:                                  | 9 x 10 <sup>9</sup> ohms at 100VDC |        |
| Maximum Leakage Current                                 |                                    |        |

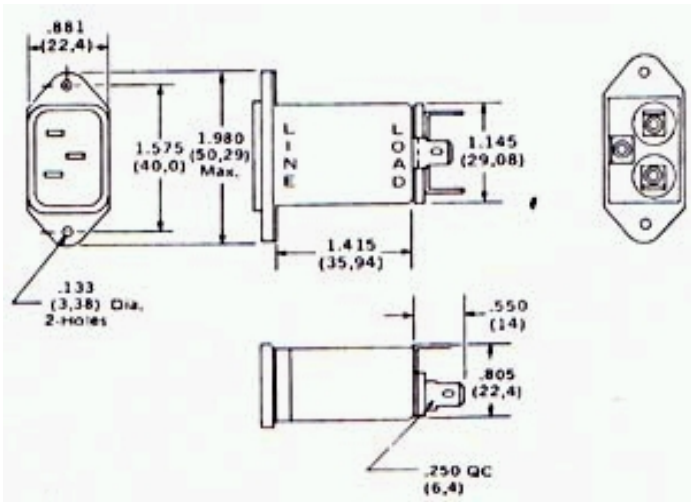
|                                  |                    |              |
|----------------------------------|--------------------|--------------|
|                                  |                    | <b>F3000</b> |
| Each Line to Ground              | at 115VAC, 60 Hz.: | 2 ? A        |
|                                  | at 250VAC, 50 Hz.: | 2 ? A        |
| <b>Hipot Test (one minute) -</b> |                    |              |
| Line to Ground:                  |                    | 1500VAC      |
| Line to Line:                    |                    | 1768VDC      |

| Nominal Current Rating | Part Number | Termination Line/Load | MINIMUM INSERTION LOSS- dB (50 ohm Circuit)<br>(frequency - Mhz) |     |    |     |     |    |    |
|------------------------|-------------|-----------------------|------------------------------------------------------------------|-----|----|-----|-----|----|----|
|                        |             |                       | Mode                                                             | .15 | .5 | 1.0 | 5.0 | 10 | 30 |
| 3A                     | F3400CA03   | IEC/QC                | Common                                                           | 22  | 32 | 35  | 30  | 25 | 20 |
|                        | F3500CA03   | IEC/QC                | Differential                                                     | 8   | 18 | 24  | 35  | 35 | 35 |
| 6A                     | F3000AA06   | QC/QC                 | Common                                                           | 10  | 20 | 23  | 25  | 23 | 15 |
|                        | F3100CA06   | IEC/QC                |                                                                  |     |    |     |     |    |    |
|                        | F3200CA06   | IEC/QC                |                                                                  |     |    |     |     |    |    |
|                        | F3400CA06   | IEC/QC                | Common                                                           | 15  | 21 | 24  | 24  | 22 | 26 |
|                        | F3500CA06   | IEC/QC                | Differential                                                     | 8   | 18 | 24  | 35  | 35 | 35 |

### F3000AA



### F3100CA/F3400CA



### F3200CA/F3500CA

