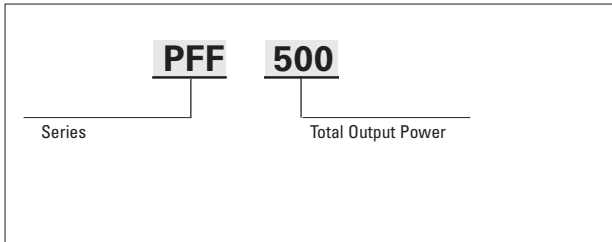


# PFF500 EMI filter

## 265VAC maximum input, 500 watts



### HOW TO ORDER



### FEATURES

- MIL-STD-461C (CE03) and MIL-STD-461D (CE102) Compliance
- Less than 1.2 Vrms drop between Input & Output
- Does not require external components
- Meets environmental requirements of MIL-STD-810F and MIL-STD-901D
- For use with PFC500 or PF500 power factor correction modules

### SPECIFICATIONS

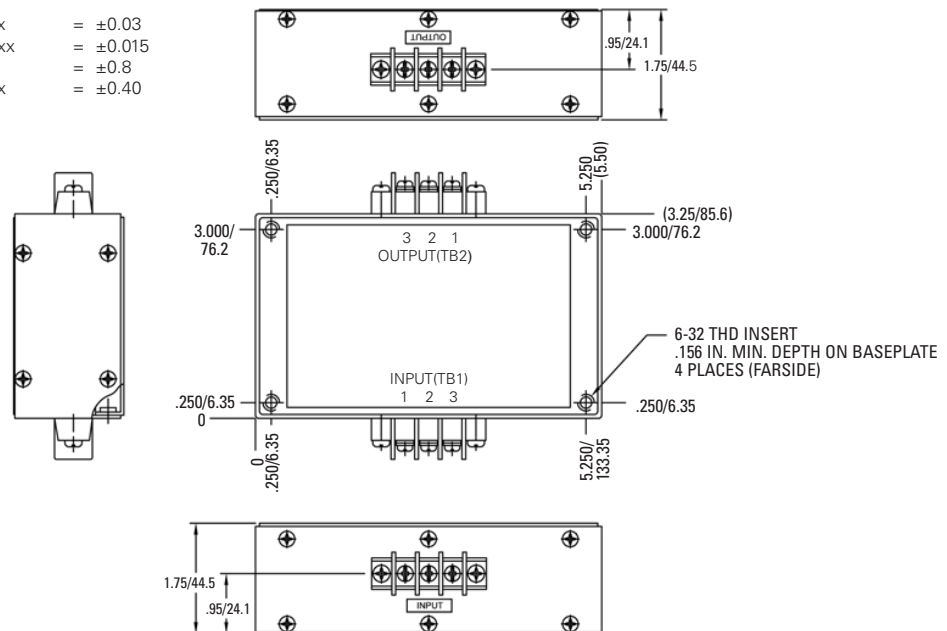
	Min.	Typ.	Max.	Units
Input Voltage			265	Vrms
Rated Output Current			7	Arms
Isolation (Input/Output to case)	1000			VAC
Operating Temperature	-55		+100	° C
Storage Temperature	-55		+125	° C
Insulation Resistance (measured @ 500Vdc)	100			Megohm
Line to Neutral Capacitance		3		µF
Line to Chassis Capacitance		0.0154		µF

		Units
Weight (Max.)	30	oz.
	850	grams
Size	3.25 x 5.5 x 1.75	inch
	8.3 x 14 x 4.5	cm
Volume	31.3	inch <sup>3</sup>
	513	cm <sup>3</sup>
Material	Case	Aluminum 5052-H32
	Baseplate	Aluminum Alloy
Finish		Black Anodized
Mounting	Standard	6-32 UNC inserts provided in baseplate

### CASE DRAWINGS

**Tolerances:**

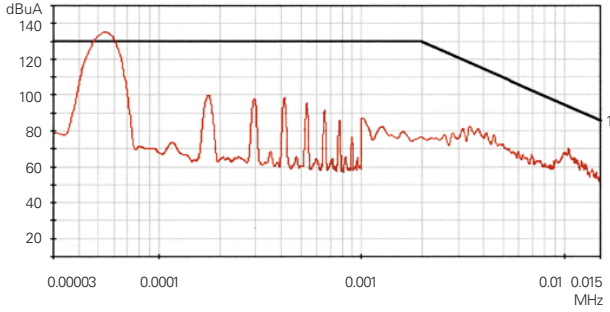
inches	- x.xx	= ±0.03
	x.xxx	= ±0.015
mm	- x.x	= ±0.8
	x.xx	= ±0.40



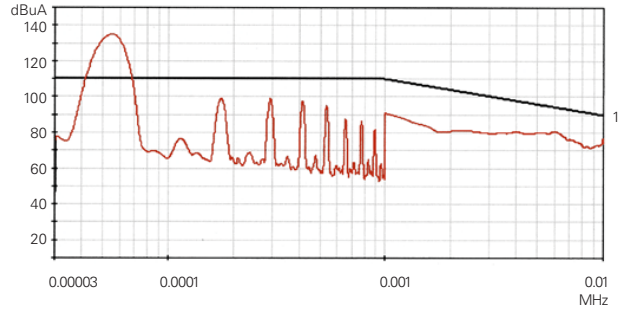
All specifications are typical @+25°C with nominal input voltage under full output load conditions and holdup capacitance of 495µF, unless otherwise noted. Specifications subject to change without notice.

**MIL-STD-461C, CE01 & CE101**

CE01: 120 Vrms, 60Hz, 500W - Without PFF500

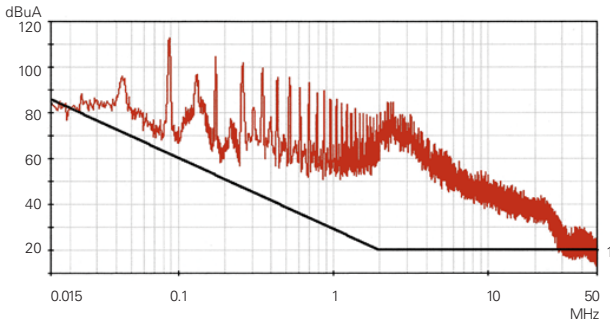


CE101: 120 Vrms, 60Hz, 500W - Without PFF500

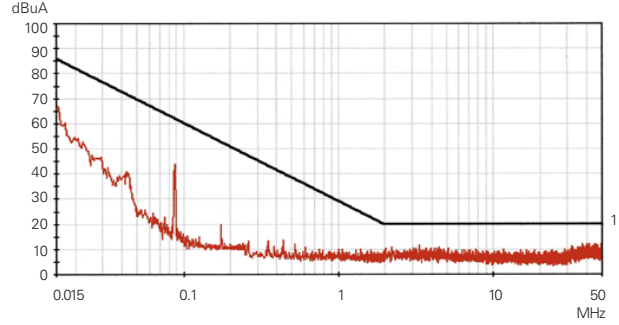


**MIL-STD-461C, CE03 (NARROW BAND)**

120 Vrms, 60Hz, 500W - Without PFF500

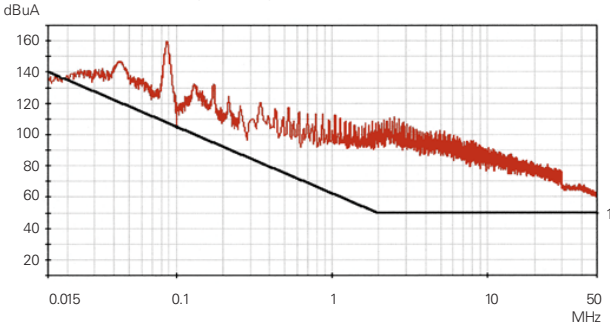


120 Vrms, 60Hz, 500W - With PFF500

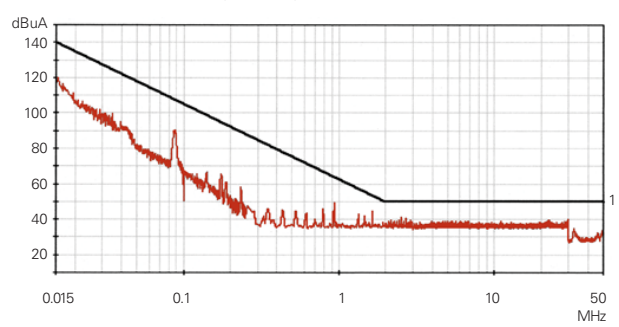


**MIL-STD-461C, CE03 (BROAD BAND)**

120 Vrms, 60Hz, 500W - Without PFF500

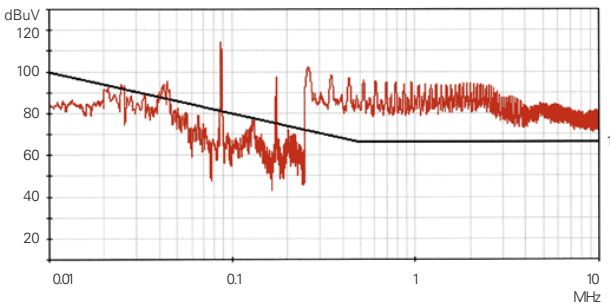


120 Vrms, 60Hz, 500W - With PFF500

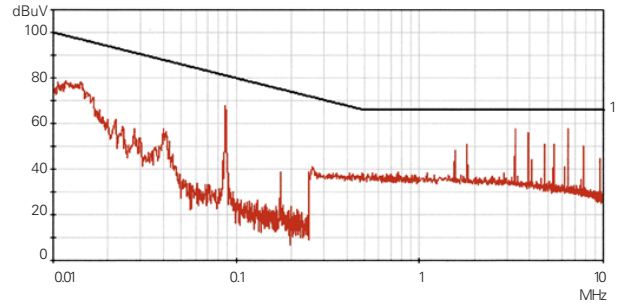


**MIL-STD-461D, CE102**

120 Vrms, 60Hz, 500W - Without PFF500



120 Vrms, 60Hz, 500W - With PFF500



For additional information, call 310.542.8561  
or e-mail: [Orders-EP@eaton.com](mailto:Orders-EP@eaton.com)



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