



# CBF30

## EMI Filter



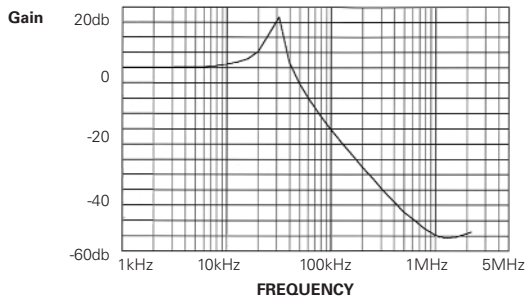
### FEATURES

- MIL-STD-461D Compliance CE101 and CE102 for CB30S, CB5S & CB10D DC/DC converters
- Does Not Require External Components
- Meets Environmental Requirements of MIL-STD-810E and MIL-S-901C

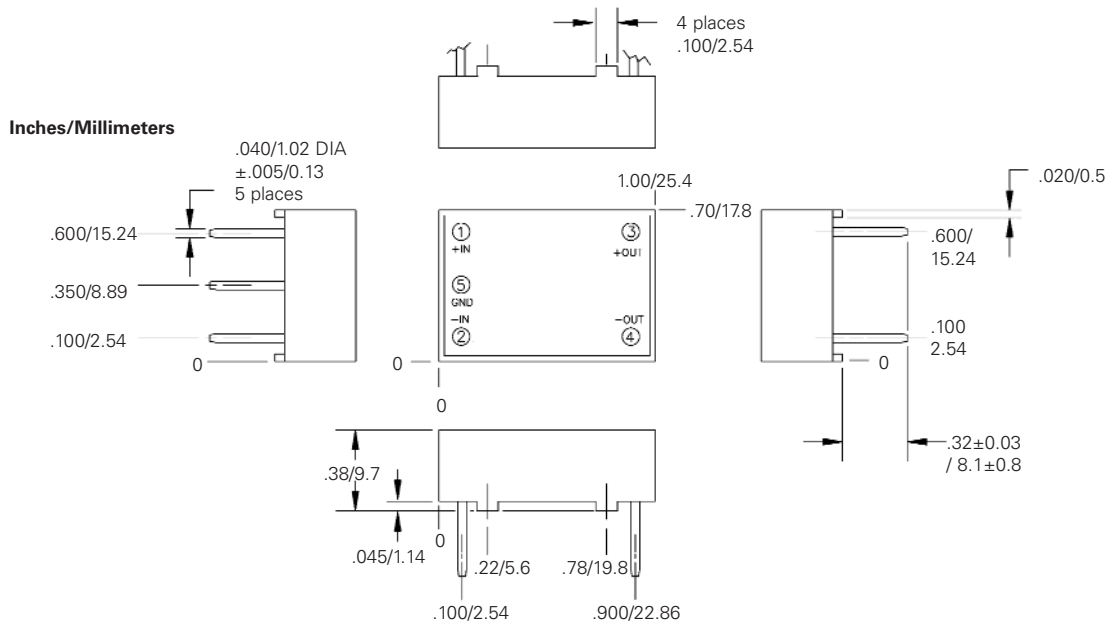
### SPECIFICATIONS

Input Voltage (maximum)	50	Vdc
Rated Output Current	2.8	A
Isolation (Input/Output to Case)	500	Vdc
Operating Temperature	-55 to +100	°C
Storage Temperature	-55 to +125	°C
Insulation Resistance (measured at 50Vdc)	50	MOhm (min.)
Weight	0.36	oz.
	10.1	grams
Size	1.0 x 0.70 x 0.38 inch	
	25.4 x 19.1 x 9.7 mm	
Volume	.285	inch <sup>3</sup>
	4.71	cm <sup>3</sup>
DC Insertion Loss (nominal)	0.7	Vdc
Material	Pin	Brass(Solder Plating)
	Case	Aluminum 5052-H32

### AC INSERTION LOSS



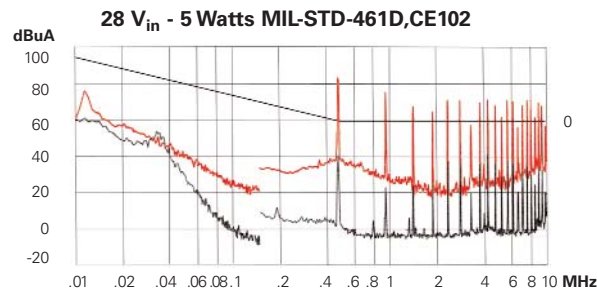
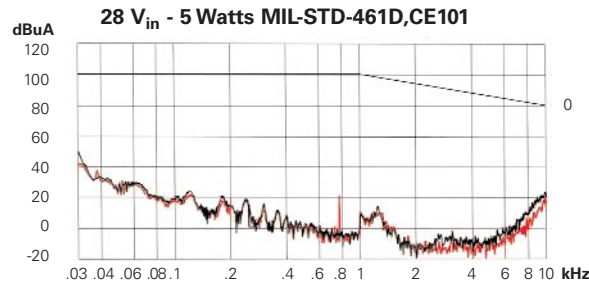
### CASE DRAWINGS



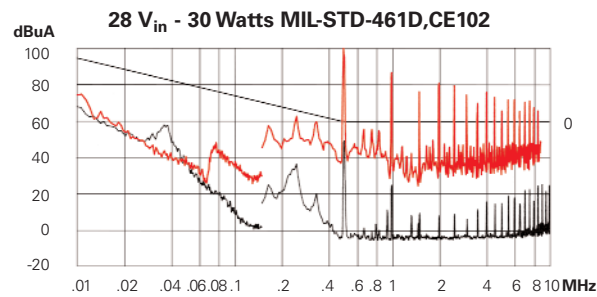
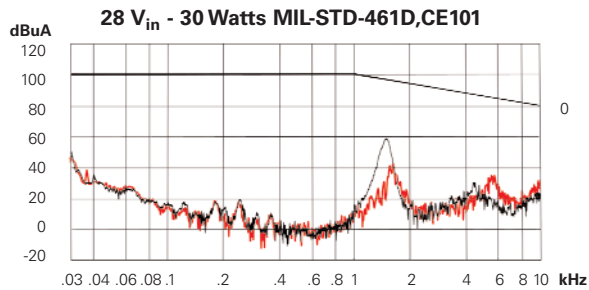
Tolerances: inches - x.xx = ±0.03 mm - x.x = ±0.8  
 x.xxx = ±0.015 x.xx = ±0.4



EMI COMPARISON GRAPHS - CB30S



■ WITH CBF30  
■ WITHOUT CBF30



■ WITH CBF30  
■ WITHOUT CBF30

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Circuit Breakers](#) category:*

*Click to view products by [Eaton](#) manufacturer:*

Other Similar products are found below :

[LUGZX66-1-61-20.0-44](#) [M39019/01-201S](#) [M39019/01-221](#) [M39019/01-323](#) [M39019/01-333](#) [M39019/01-336](#) [M39019/02-248](#) [M39019/02-311](#) [M39019/02-316](#) [M39019/04-249S](#) [M39019/05-246S](#) [M39019/06-254S](#) [M55629/1-016](#) [M55629/1-018](#) [M55629/1-021](#) [M55629/1-033](#) [M55629/1-036](#) [M55629/1-046](#) [M55629/1-048](#) [M55629/1-058](#) [M55629/1-067](#) [M55629/1-070](#) [M55629/1-079](#) [M55629/1-084](#) [M55629/1-085](#) [M55629/1-101](#) [M55629/1-109](#) [M55629/11-102](#) [M55629/1-120](#) [M55629/12-045](#) [M55629/12-046](#) [M55629/1-330](#) [M55629/1-366](#) [M55629/1-387](#) [M55629/1-401](#) [M55629/1-450](#) [M55629/2-022](#) [M55629/2-030](#) [M55629/2-072](#) [M55629/2-082](#) [M55629/2-099](#) [M55629/2-101](#) [M55629/2-102](#) [M55629/21-BM-BM](#) [M55629/21-HM-HM](#) [M55629/21-NS-NS](#) [M55629/22-NR-NR-NR](#) [M55629/22-RS-RS-RS](#) [M55629/2-347](#) [M55629/2-401](#)