

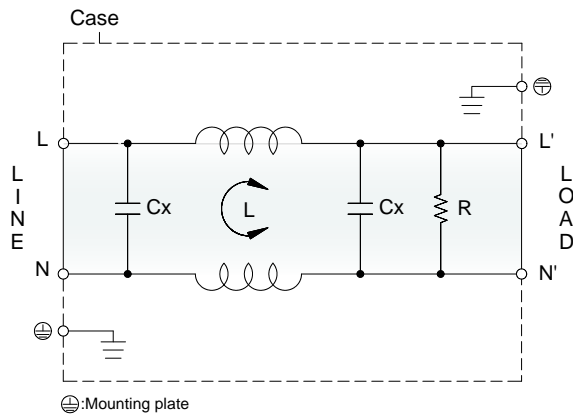
Features

- Premium attenuation of common-mode noise
- Light weight, small size plastic housing design
- Current rating 1A~30A
- Integrated nut is in hinged cover for reliable ring lug wiring
- Widely used in SMPS

Marketing Applications

- SMPS
- Automatic data processing system
- Medical scale
- Computer numerical control (CNC)
- Medical device (not body-coupled)

Electrical Schematic



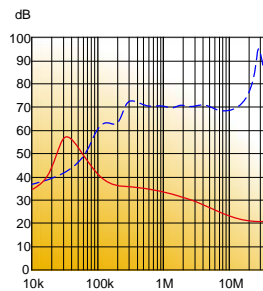
Special Features

- CEAM series: medical grade with very low leakage current.

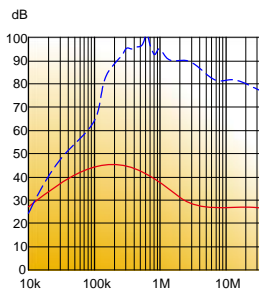
Filter Attenuation

Insertion loss (dB) in 50 ohm system CISPR 17 (for reference only)

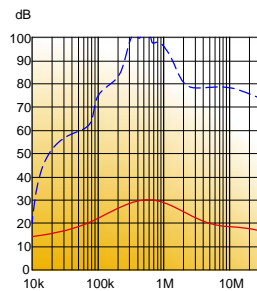
■ 1A~3A



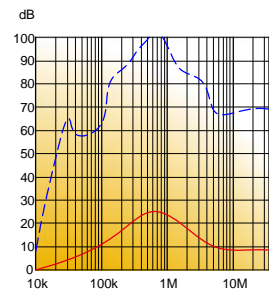
■ 6A~10A



■ 15A~20A



■ 30A



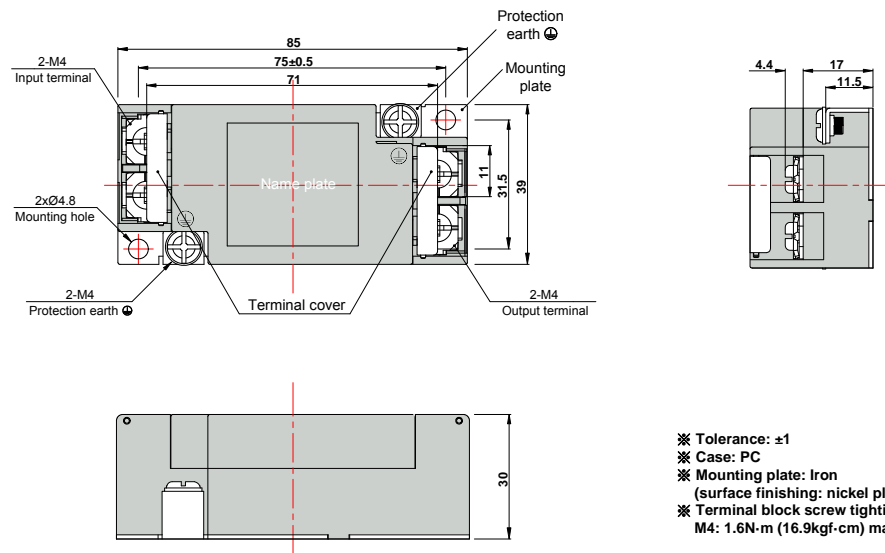
Common mode / Asymmetric (L-G) ————
 Differential mode / Symmetric (L-L) - - - - -

Technical Data and Measuring Conditions

No.	CEAM series Filter PRJ No.	01CEAM000	03CEAM000	06CEAM000	10CEAM000	15CEAM000	20CEAM000	30CEAM000
1	Rated voltage	AC 1∅ 250V / DC250V						
2	Rated current	1A	3A	6A	10A	15A	20A	30A
3	Test voltage	2,500 VAC (Cutoff current: 20mA), 1 min. at room temperature and humidity						
4	Isolation resistance	500VDC 100MΩ min. at room temperature and humidity						
5	Leakage current	10μA @250VAC/60Hz (max.)						
6	Voltage drop	1.0V max.						
7	Safety approval temp.	-25° ~ +100°						
8	Operating temperature	-40° ~ +100°						
9	Operating humidity	20 ~ 95%RH (Non condensing)						
10	Storage temp. / humidity	-40° ~ +100°; 20 ~ 95%RH (Non condensing)						
11	Vibration	10 ~ 55Hz, 19.6m/s ² (2G), 3 min. period, 1 hour each X,Y,Z axis						
12	Impact	196.1m/s ² (20G), 11ms, once along X,Y,Z axis						
13	Safety approvals	UL1283, CSA C22.2 No.8 (C-UL), VDE0565 Teil3-1, IEC/EN60939						

Mechanical Drawing (unit: mm)

● Chassis mounting



- ※ Tolerance: ±1
- ※ Case: PC
- ※ Mounting plate: Iron
(surface finishing: nickel plating) t= 1.0
- ※ Terminal block screw tightening torque
M4: 1.6N·m (16.9kgf·cm) max.