Datasheet | EB17 EP-442 Series



General Purpose AC EMI Filter



*Image shown is for illustrative purpose only

Features and benefits

- Filters available in double stage
- All filters provide high attenuation performance.
- Two stage filters designed for noisy application requiring excellent filter performance.
- High reliable
- Panel mounting filter in fabricated metal can.
- CRCA metal can with nickel plating provides good aesthetic and corrosion protection.

Application

- Defence application
- Aerospace application
- Military application
- Industrial application
- Electrical equipment application

Approvals /Conformance



Technical Specifications

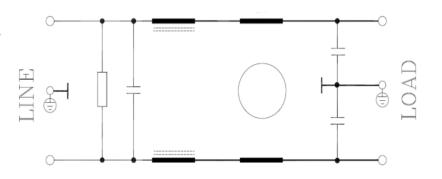
Operating voltage	85-264 VAC
Current rating	3A
Frequency	47 to 63 Hz
Voltage drop	1 Volt max.
High potential test voltage	P -> E 1500VAC
Insulation resistance	≥ 300 MΩ @ 500VDC (PN→E)
Operating temperature	40°c /-25°c +85°C

Attenuation type

Single Stage

Standard

Electrical schematic for Double Stage filter: General purpose –

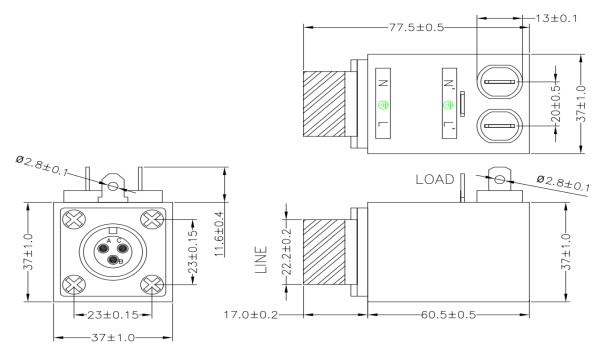


Mechanical Drawing

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Circular connector at input side and for output with 6.3 x 0.8 mm/solder tab



All dimensions are in mm

Product Selection Table:

Sr. No.	Elcom part codes (ordering code) (A) @40°c	Rated	Rated Leakage	Terminals (<u>×</u>)		Approx Weight (gram)	Attenuat ion
		current (mA) @250VA C	Circular connecter at input	Fast-on at output			
1	EF-1B003B26A- B10	3	< 1.0	В		250	High

Connecter MS3102R-14S-7S (SQC + C&C) or equivalent

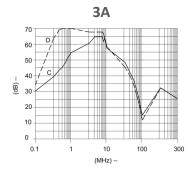
- Customize products provided on request.

Filter attenuation graph

C = Common mode (asymmetrical) —

For general purpose (Double Stage)





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