ELCOM ®

General Purpose AC EMI Filter

*Image shown is for illustrative purpose only

Approvals /Conformance

CSA c US   CE   RoHS COMPLIANT

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

Features and benefits

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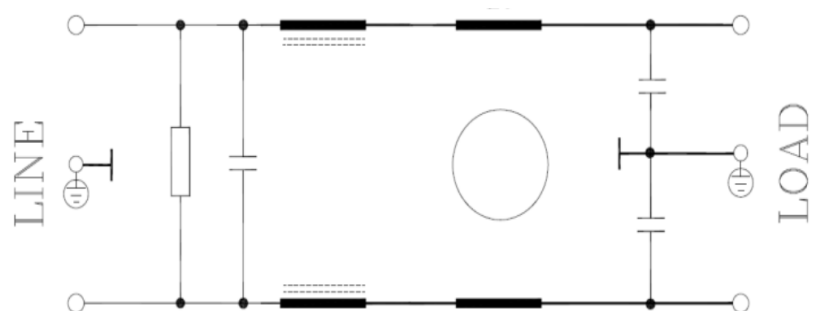l CRCA metal can with nickel plating provides good aesthetic and corrosion protection.

Application

l Defence application
l Aerospace application
l Military application
l Industrial application
l Electrical equipment application

Attenuation type

Single Stage   Standard

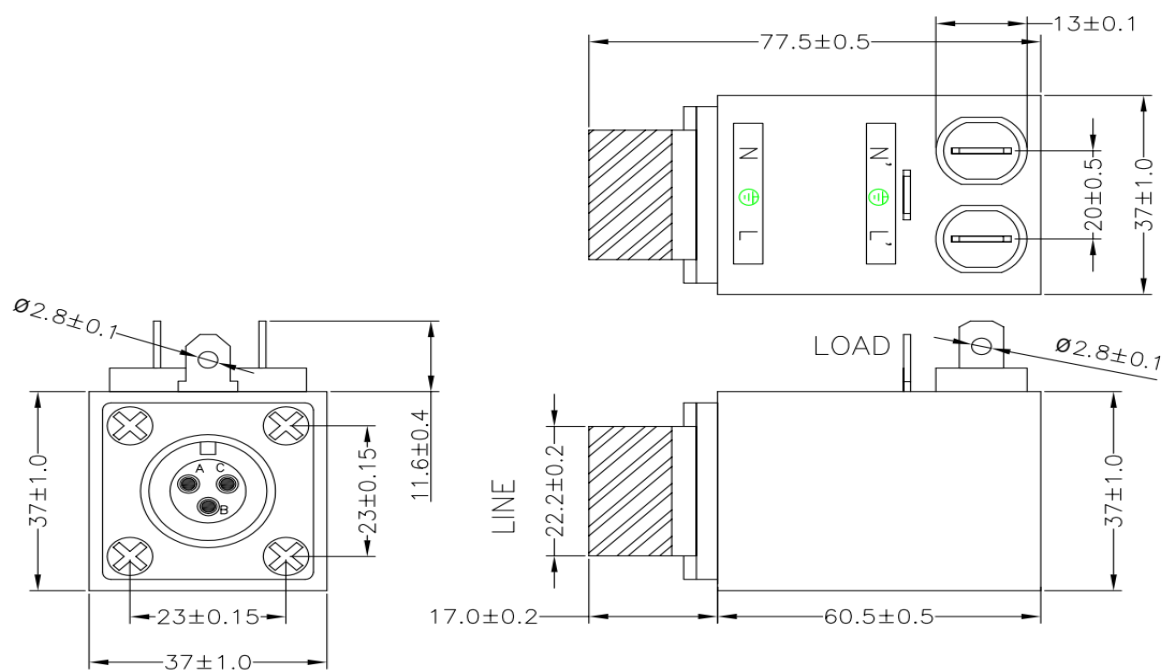## Electrical schematic for Double Stage filter:
General purpose –

Mechanical Drawing

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)	Rated Current rating (A) @40°c	Leakage current (mA) @250VAC	Terminals (X)		Approx. Weight (gram)	Attenuation
				Circular connecter at input	Fast-on at output		
1	EF-1B003B26A-B10	3	< 1.0	B		250	High

- Connecter MS3102R-14S-7S (SQC + C&C) or equivalent
- Customize products provided on request.

Filter attenuation graph

C = Common mode (asymmetrical) ———   D = Differential mode (symmetrical) - - - - - - - - - - -

<u>For general purpose (Double Stage)</u>

3A