


Features:

- Compact design and Very easy to Install
- No. of Lines can be made as per customer requirements
- Models with various Voltages, Currents and pairs available

Applications:

- Electrical/Electronic Equipment
- Shielded Rooms
- Low Power Source

Performance Indicator:

Standard	High	Very High

DATASHEET

DC CONTROL LINE FILTER – CMF94D

A range of multi-line filters suitable for filtering DC control lines and low current power lines on shielded rooms and general installations. All of these filters available with transient suppression also.

Technical Specifications:

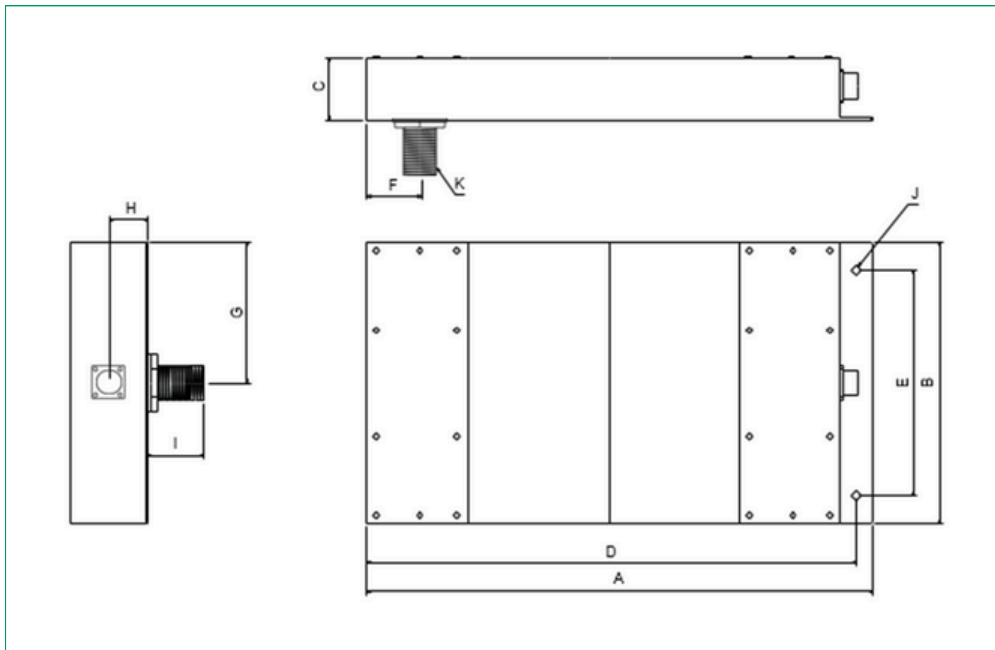
Operating Voltage	: 100VDC
Current Rating	: 10A
Test Voltage	: 200VDC
Insulation Resistance	: >100MΩ (Without Discharge Resistors)
Insertion Loss	: 100dB from 40KHz to 10GHz
Operating Temperature Range	: -40°C to +50°C
Storage Temperature Range	: -40°C to +85°C
Max. Surge current	: 6.5kA@8/20μs (Optional)
Enclosure Material	: CRCA with Plating
Finish	: Paint/Powder Coating

Ordering Information:

Model Number	Part Number	Model Number	Part Number	Number of Lines	Termination		Min. Weight (Kgs)
					Input	Output	
CMF94D-2-10	E111611-1	CMF94DS-2-10	E112856-1	2	MIL Connector	Shielded Cable through Threaded Pipe	5
CMF94D-4-10	E111612-1	CMF94DS-4-10	E112857-1	4	MIL Connector	Shielded Cable through Threaded Pipe	6
CMF94D-5-10	E111613-1	CMF94DS-5-10	E112858-1	6	MIL Connector	Shielded Cable through Threaded Pipe	8
CMF94D-6-10	E111614-1	CMF94DS-6-10	E112859-1	8	MIL Connector	Shielded Cable through Threaded Pipe	10
CMF94D-7-10	E112343-1	CMF94DS-7-10	E112860-1	12	MIL Connector	Shielded Cable through Threaded Pipe	18
CMF94D-8-10	E112344-1	CMF94DS-8-10	E112861-1	16	MIL Connector	Shielded Cable through Threaded Pipe	18
CMF94D-9-10	E112435-1	CMF94DS-9-10	E112862-1	24	MIL Connector	Shielded Cable through Threaded Pipe	25
CMF94D-10-10	E112346-1	CMF94DS-10-10	E112863-1	32	MIL Connector	Shielded Cable through Threaded Pipe	25

CMF94DS – With Surge Suppressor

Mechanical Drawing:

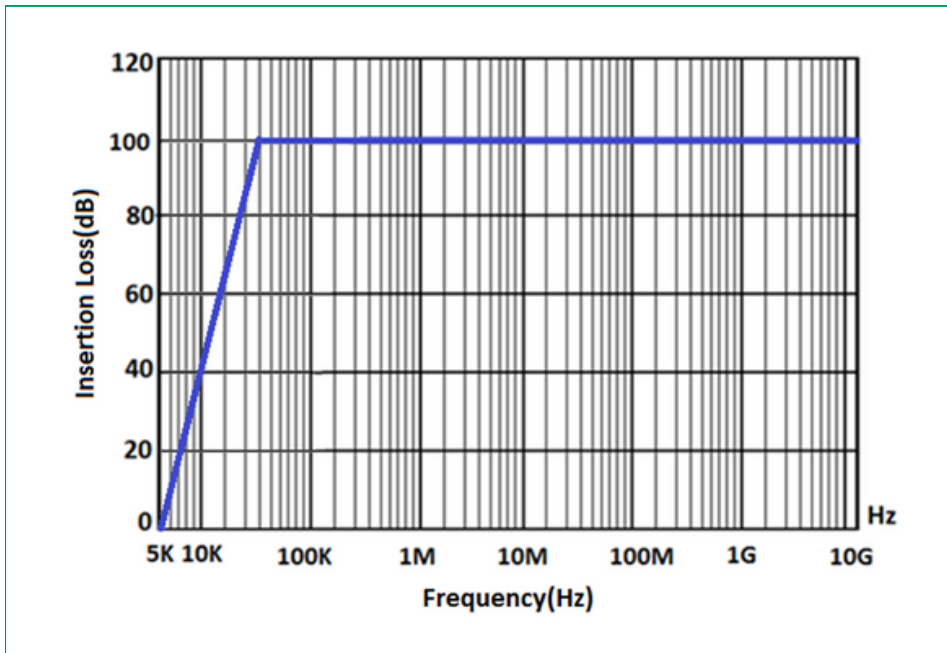


Mechanical Dimensions:

Model Number	A	B	C	D	E	F	G	H	I	J	K
CMF94D-2-10	350	90	45	335	70	40	45	21.5	100	6.5	M25
CMF94D-4-10	350	180	45	335	140	40	90	21.5	100	6.5	M30
CMF94D-5-10	350	270	45	335	210	40	135	21.5	100	6.5	M30
CMF94D-6-10	350	360	45	335	280	40	180	21.5	100	6.5	M30
CMF94D-7-10	350	360	90	335	280	40	180	45	100	8.5	M30
CMF94D-8-10	350	360	90	335	280	40	180	45	100	8.5	M30
CMF94D-9-10	350	360	180	335	280	40	180	90	100	8.5	M40
CMF94D-10-10	350	360	180	335	280	40	180	90	100	8.5	M40

Note: All dimensions in mm; Tolerances according to ISO2768-C

Insertion Loss Graph:



Accessories :

1. Mating Connector - 2 No's
2. Plain Washer - 2 No's
3. Nut - 2 No's
4. Gasket - 2 No's