



## DATASHEET

# DC Tempest Filter – DMF960

These series range of DC Tempest Filters are designed to use in wide range of applications. Give superior performance when used in applications with low Impedance loads controlling pulsed, continuous and intermittent noise and where high levels of mains borne interference are present.

### Technical Specifications:

Maximum Continuous Operating Voltage	: 48VDC
Current Rating	: 3A to 50A @40°C
High Potential Test Voltage	: +,- to G 1000VDC for 2 seconds + to - 800VDC for 2 seconds
Overload Capability	: 135% rated current for 15 Minutes
Design Corresponding to	: UL 1283, CSA 22.2 No.8-13 and IEC 60939
Temperature Range	: -25°C to +85°C
Insertion Loss Performance	: 80dB from 100kHz to 1GHz

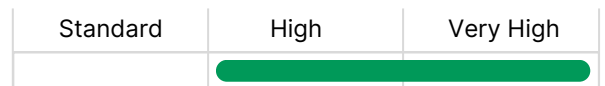
### Features:

- Excellent performance / Size ratio
- Rated Current up to 50A
- Full frequency spectrum

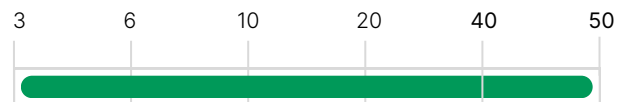
### Applications:

- Shielded Chamber MRI
- Scanning Chamber
- Test & measurement equipment
- Medical Application

### Performance Indicator:



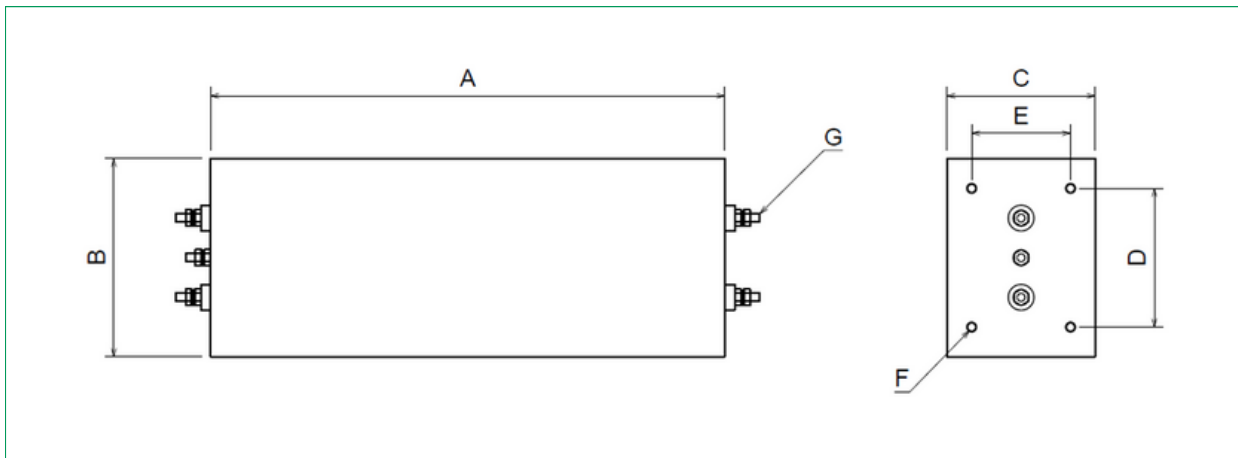
### Rated Current (A):



## Ordering Information:

Model Number	Part Number	Rated Current (A)	Termination	Min. Weight (Kgs)
DMF960-2-3	E114930-1	3	M3 Nut & bolt	2
DMF960-2-6	E114931-1	6	M3 Nut & bolt	3
DMF960-2-10	E114932-1	10	M4 Nut & bolt	4
DMF960-2-16	E114933-1	16	M4 Nut & bolt	4.5
DMF960-2-20	E114934-1	20	M4 Nut & bolt	5
DMF960-2-25	E114983-1	25	M5 Nut & bolt	5.5
DMF960-2-32	E114984-1	32	M6 Nut & bolt	6
DMF960-2-40	E114985-1	40	M6 Nut & bolt	13
DMF960-2-50	E114986-1	50	M6 Nut & bolt	15

## Mechanical Drawing :



## Mechanical Dimensions:

Model Number	A	B	C	D	E	F	G
DMF960-2-3	220	100	75	70	50	M3	M3
DMF960-2-6	220	100	75	70	50	M3	M3
DMF960-2-10	260	100	75	70	50	M3	M4
DMF960-2-16	260	100	75	70	50	M4	M4
DMF960-2-20	300	110	80	80	50	M4	M5
DMF960-2-25	300	110	80	80	50	M4	M5
DMF960-2-32	360	125	80	90	50	M4	M6
DMF960-2-40	400	135	90	105	60	M5	M6
DMF960-2-50	400	135	90	105	60	M5	M6

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

Insertion Loss Graph :

