



## TECHNICAL PRODUCT APPLICATION NOTE

### ENVIRONMENTAL RATINGS & CLASSIFICATIONS OF EMP/HEMP & TEMPEST FILTERS

EEP Filters Limited power, control and communications/signal line filters are manufactured to the highest design and production standards and are endorsed as designed to meet the following listed environmental ratings and climatic categories.

#### Temperature Ratings

- Operating temperature range (under full current loading): -45°C to +50°C
- Storage temperature range (no current loading): -55°C to +85°C

#### Humidity

- Classification in accordance with IEC 60068-2-3: 93%RH at +40°C for 21 days

#### Altitude

- In accordance with MIL-STD-810F Method 500.4 Procedure I: 15,000-feet 1-hour

Filters can be built in 'accordance' with IP65 upon request.

#### Quality

European EMC Products Limited are registered to BS EN ISO 9001:2015, Certificate Number FS38901.

Registered Scope: The design, assembly, installation, servicing and testing of RF Shielded Structures and equipment including EMI Shielding, Blast Doors, Gas Tight Doors and specialised mobile Electromagnetic Pulse Protection (EMPP) containers.

Radio Frequency, Magnetic Shielding and Quench systems for MRI (Magnetic Resonance Imaging) scanners.

The design, assembly and installation of Ionising Radiation Protection facilities.

The design, manufacture and installation of LED lighting systems for medical applications.

EEP Filters Limited are registered to BS EN ISO 9001:2015, Certificate Number FS38901.

Registered Scope: The design, manufacture, management of installation and testing of high performance EMC and EMP Power and Data Line Filters.

#### Disclaimer

NB: All the information provided within this datasheet is for reference only. Product specifications are subject to change without notice.