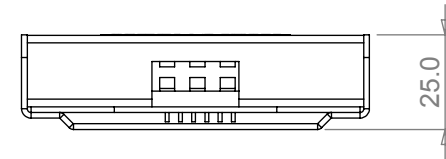
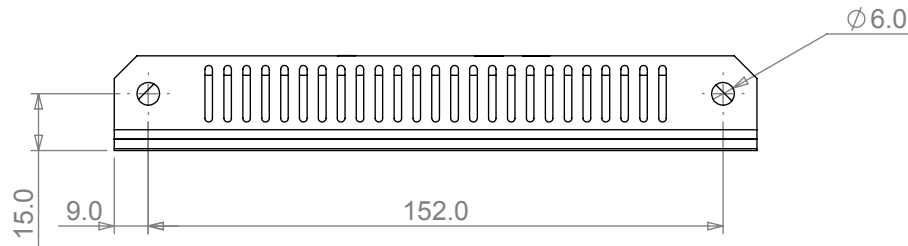
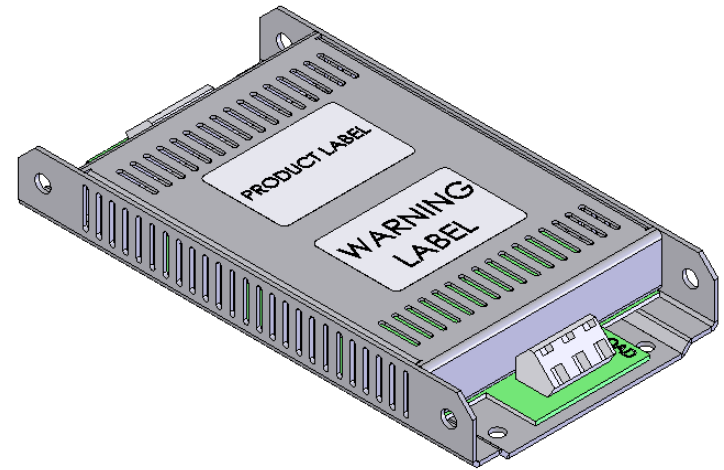
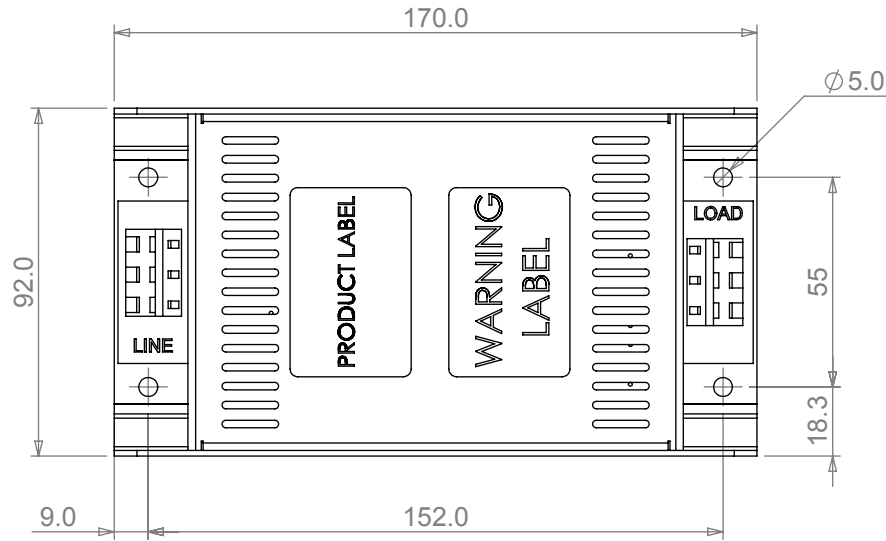


MIF06

AKA

**Description** 1P 250V 6A STUD FILTER  
**Device** rfi filter  
**Current** 6A 40°C  
**Earthing** spring 2.5mm<sup>2</sup> strip 6mm  
**Enclosure** aluminium 1.5mm  
**Loss** 1.75W/ph  
**Leakage** 2.26mA operating  
**Mass** 0.3kg  
**Mounting** M4x4 (M5x2)  
**PCB** fr4 avlv2 VW-1 600V 105°C  
**Potting** air  
**Power** 1.4kW  
**Protection** IP20  
**Resistance** 48.6mR/ph  
**Residual** 2V 5s  
**SCCT** 5kA  
**Supply** 230/240V 50/60Hz  
**Terminal** spring 2.5mm<sup>2</sup> strip 6mm  
**Varistor** 275V 6.5kA (500Vdc)  
**Withstand** 2100Vdc 60s  
**Altitude** 1000m (3000m w/derating)  
**Bonding** 25A 50/60Hz  
**Class** class I  
**Environment** -25/+85/21  
**Flammability** ULV2 min  
**Humidity** 93% RH non-condensing  
**Insulation** 500Vdc ≥3.5MR  
**Material** group IIIb  
**MTBF** 22yrs (MIL-HDBK-217F)  
**Overload** 135% 2hrs 150% 60s  
**Overvoltage** category II  
**Packaging** ASTM D7386  
**Pollution** degree II  
**Shock** 15g 11ms  
**Spacing** ≥50mm gap  
**Vibration** 5-55Hz 350um 55-500Hz 2G  
**EU** CE EN60939  
**US** uR UL1283  
**CAN** cUR CSA22.2



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 Website www.dem-uk.com



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DEM Manufacturing, Deltron Emcon House, Hargreaves Way, Sawcliffe Ind. Park, Scunthorpe, North Lincolnshire, DN15 8RF, UK

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES  
 LINEAR & RADIAL TOLERANCE:  
**NO DECIMAL PLACES ±0.5mm**  
**1 DECIMAL PLACE ±0.25mm**  
**2 DECIMAL PLACES ±0.125mm**  
**ANGULAR TOLERANCE: ±1°**

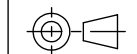
DO NOT SCALE DRAWING

THE FINISHED PRODUCT SHOULD BE CLEAN AND FREE FROM ALL LIQUIDS AND DEBRIS. SURFACES SHOULD BE OF UNIFORM APPEARANCE FREE FROM SHARP EDGES, BURRS AND CORROSION

AUTHOR

DATE

THIRD ANGLE PROJECTION



SW

DATE

SHEET 1 OF 1

SCALE 1:2

A4

TITLE

SPECIFICATION

DRAWING NO.

MIF06

ISSUE

04

Release

ROXBURGH ELECTRONICS LTD  
FILTER INSERTION LOSS CHARACTERISTICS  
CISPR 17 - 50 OHM METHOD

MIF06

