

KMF318A

AKA

Description 3P 500V 18A TERMINAL FILTER

Device rfi filter

Current 18A 40°C

Earthing M5x15 stud ss 2Nm

Enclosure aluminium 1.2mm

Loss 3.7W/ph

Leakage 7.2mA operating

Mass 1.25kg

Mounting M5x4

PCB n/a

Potting air/resin

Power 14.9kW(4.3kW)

Protection IP20

Resistance 11.4mR/ph

Residual 204V 5s

SCCT 5kA

Supply 400/480V 50/60Hz

Terminal screw 10mm<sup>2</sup> 2Nm strip 9mm

Varistor n/a

Withstand 2900Vdc 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 IIb

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

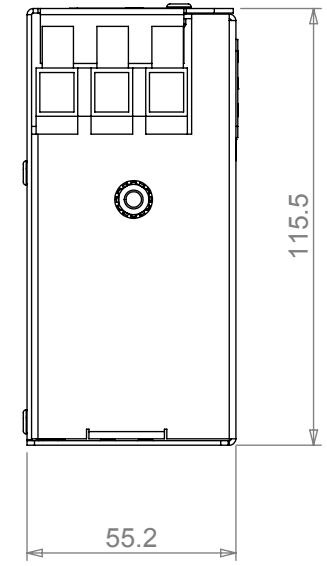
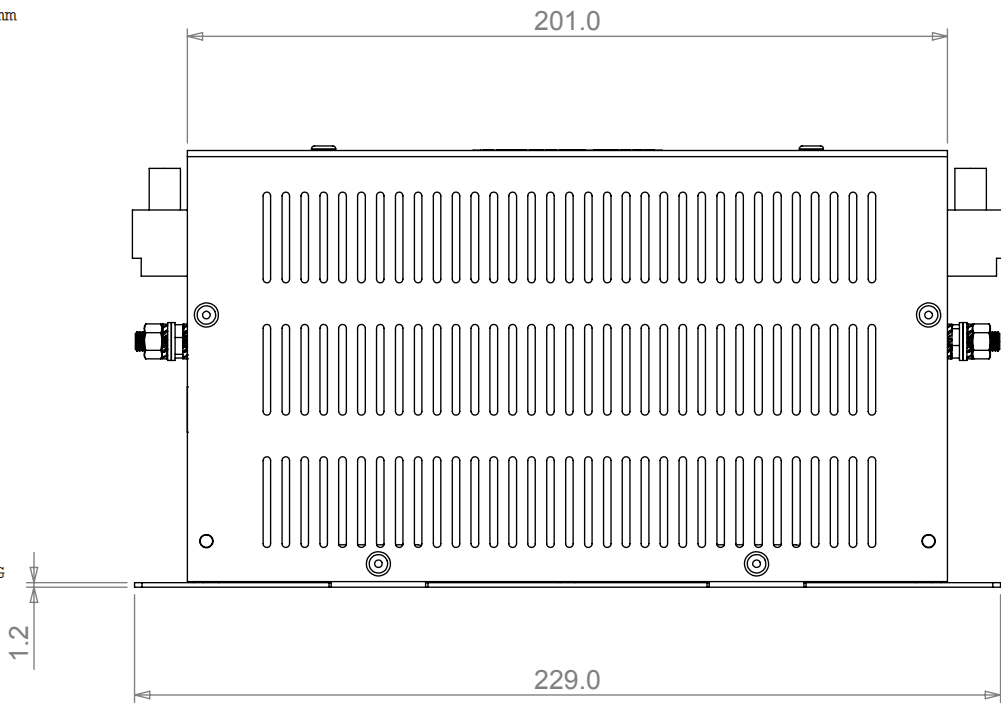
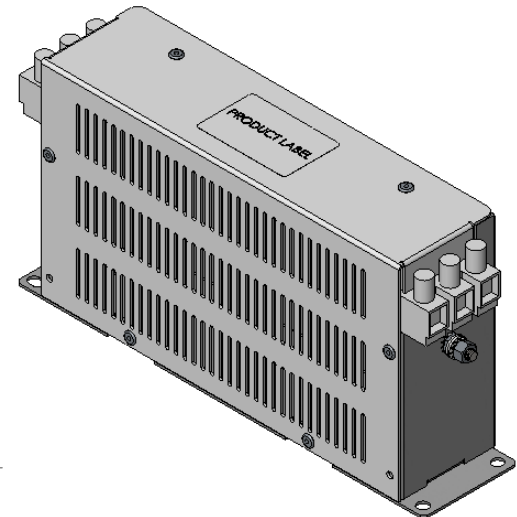
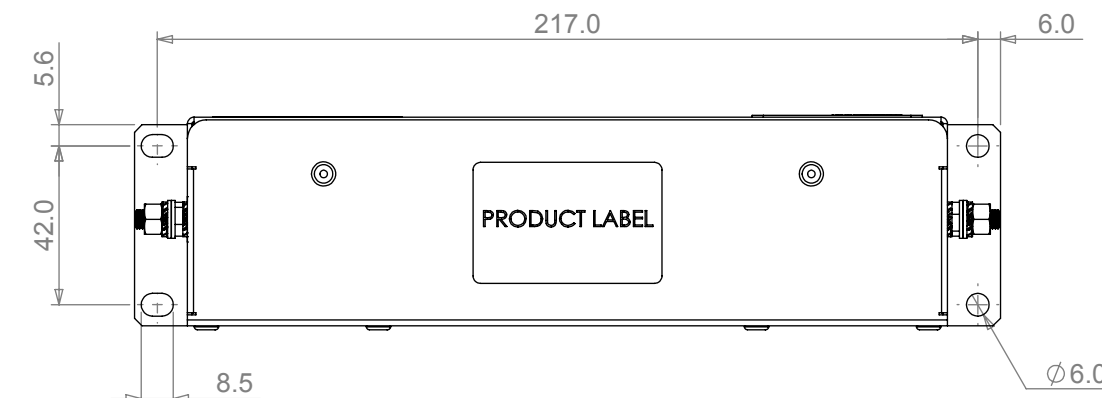
Vibration 5-55Hz 350um 55-500Hz 2G

EU CE EN60939

US uR UL1283

CAN cUR CSA22.2

TERMINALS HIDDEN



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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  
03/03/15  
SHEET 1 OF 1  
SCALE 1:2  
A4

TITLE  
**SPECIFICATION**

DRAWING NO.  
KMF318A

ISSUE  
**06**  
Release

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

KMF318A

