

MIF03

AKA

Description 1P 250V 3A STUD FILTER

Device rfi filter

Current 3A 40°C

Earthing spring 2.5mm² strip 6mm

Enclosure aluminium 1.5mm

Loss 0.5W/ph

Leakage 2.26mA operating

Mass 0.3kg

Mounting M4x4 (M5x2)

PCB fr4 avlv2 VW-1 600V 105°C

Potting air

Power 0.7kW

Protection IP20

Resistance 55.5mR/ph

Residual 2V 5s

SCCT 5kA

Supply 230/240V 50/60Hz

Terminal spring 2.5mm² 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

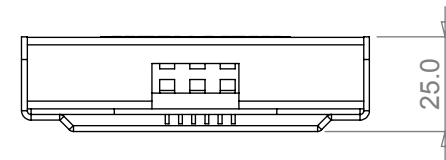
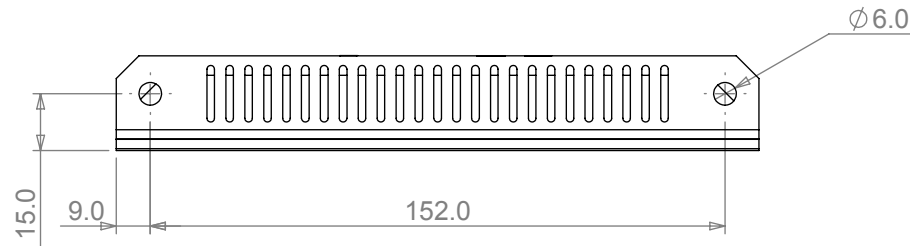
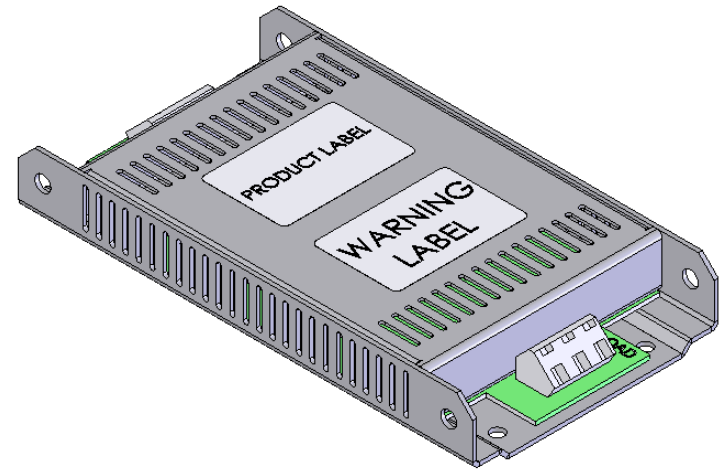
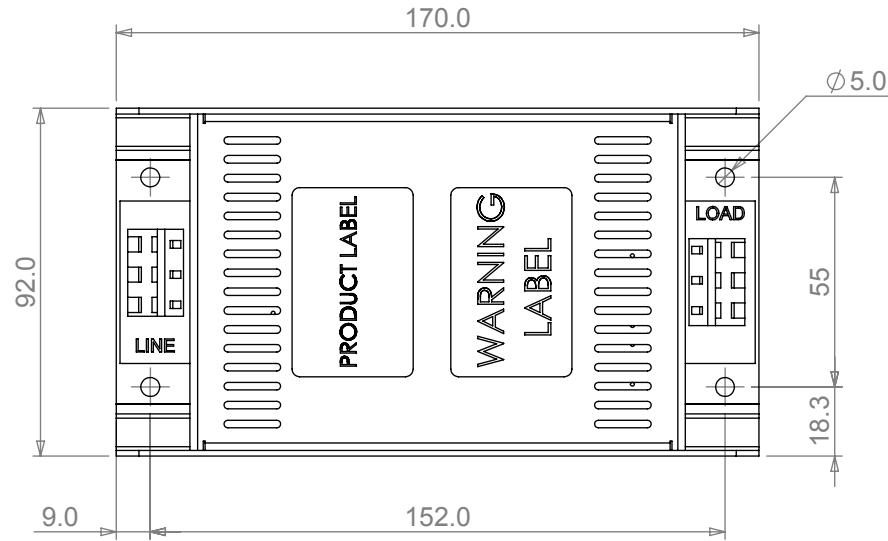
Spacing ≥50mm gap

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

EU CE EN60939

US uR UL1283

CAN cUR CSA22.2



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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
20/02/15
SHEET 1 OF 1
SCALE 1:2
A4

TITLE
SPECIFICATION

DRAWING NO.
MIF03

ISSUE
04
Release

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

MIF03

