

MIF350

AKA

Description 3P 500V 50A STUD FILTER

Device rfi filter

Current 50A 40°C

Earthing stud M8 6Nm

Enclosure aluminium 2mm

Loss 8.4W/ph

Leakage 7.3mA operating

Mass 5.3kg

Mounting M5x4 (M6x4)

PCB fr4 avlv2 VW-1 600V 105°C

Potting air

Power 41.5kW (12kW)

Protection IP00

Resistance 3.4mR/ph

Residual 19V 5s

SCCR 10kA

Supply 400/480V 50/60Hz

Terminal stud M6 ss 4.5Nm

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 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

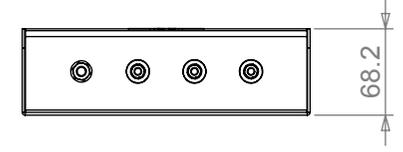
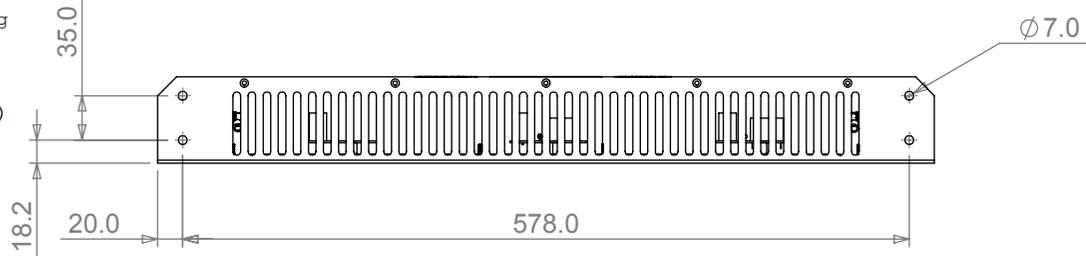
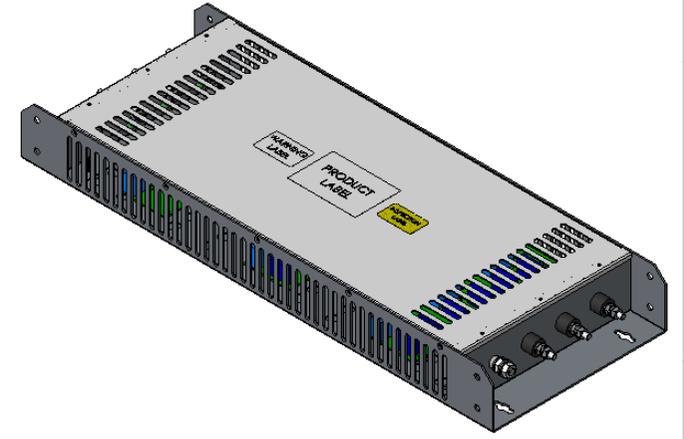
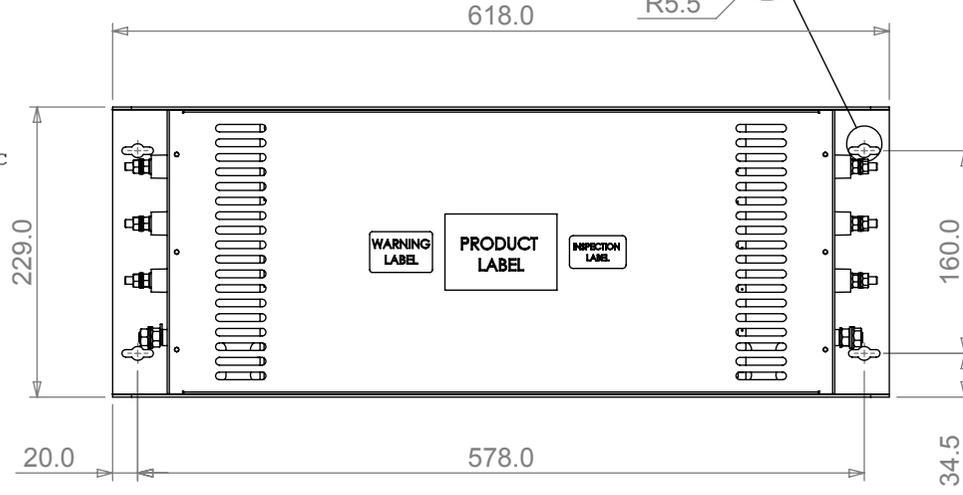
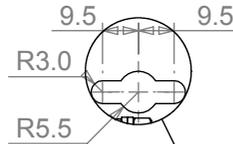
Vibration 5-55Hz 350um 55-500Hz 2G

EU CE EN60939

US uR UL1283

CAN cUR CSA22.2

DETAIL A



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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
23/02/15
SHEET 1 OF 1
SCALE 1:10
A4

TITLE
SPECIFICATION

DRAWING NO.
MIF350

ISSUE
06
Release

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

MIF350

