

MIF323

AKA

Description 3P 500V 23A STUD FILTER

Device rfi filter

Current 23A 40°C

Earthing screw 4mm² 0.5Nm strip 8mm

Enclosure aluminium 1.5mm

Loss 6.7w/ph

Leakage 8.89mA operating

Mass 1.36kg

Mounting M4x4 (M6x2)

PCB fr4 avlv2 VW-1 600V 105°C

Potting air

Power 19.1kW(5.5kW)

Protection IP20

Resistance 12.7mr/ph

Residual 44V 5s

SCCT 5kA

Supply 400/480V 50/60Hz

Terminal screw 4mm² 0.5Nm strip 8mm

Varistor 680V 6.5kA (1000Vdc)

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 II Ib

MTBF 22yrs (MIL-HDBK-217F)

Overload 135% 2hrs 150% 60s

Overvoltage category II

Packaging ASTM D7386

Pollution degree II

Shock 15g 11mS

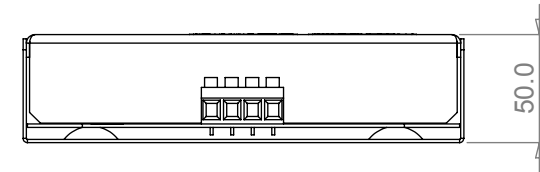
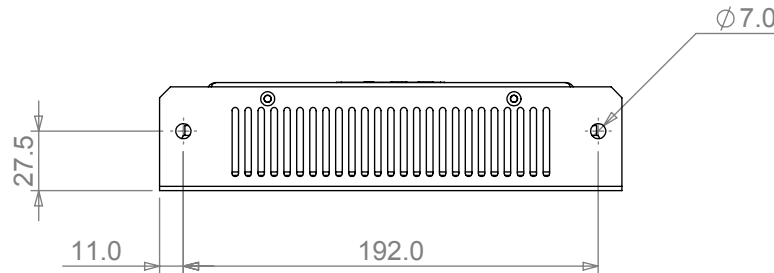
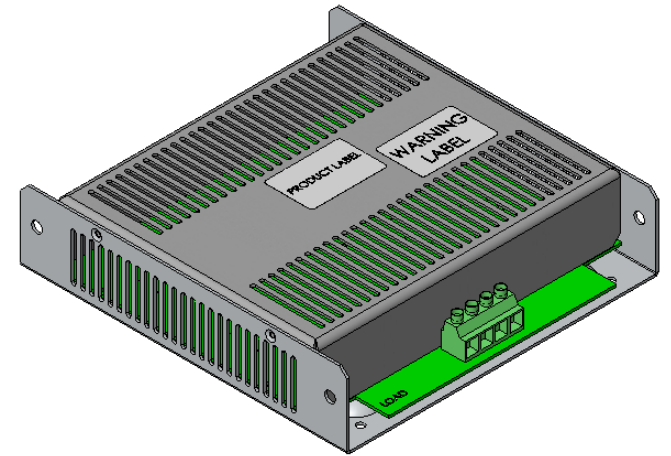
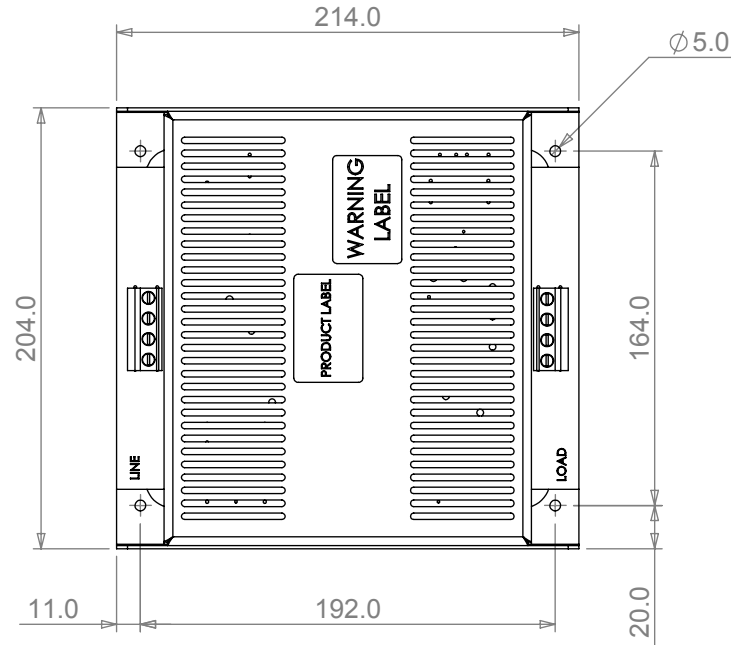
Spacing ≥50mm gap

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
23/02/15
SHEET 1 OF 1
SCALE 1:5
A4

TITLE
SPECIFICATION

DRAWING NO.
MIF323

ISSUE
05
Release

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

MIF323

