

PMF6

AKA

Description 1P 250V 6A PORTABLE IEC FILTER

Device rfi filter

Current 6A 40°C

Earthing via IEC connector

Enclosure plastic ABS UL94-V0

Loss 0.8W/ph

Leakage 0.35mA operating

Mass 0.28kg

Mounting desktop

PCB n/a

Potting resin

Power 1.4kW

Protection IP40

Resistance 21mR/ph

Residual 60V 1s

SCCR 5kA

Supply 230/240V 50/60Hz

Terminal IEC60320 C13 220mm lead, C14 plug

Varistor L-N 275V 6.5kA (500V)

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

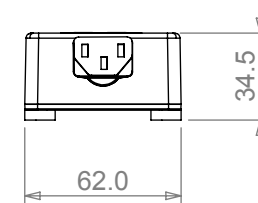
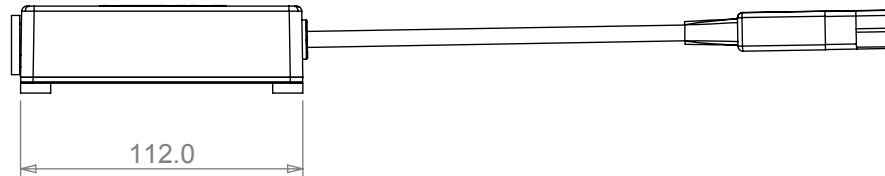
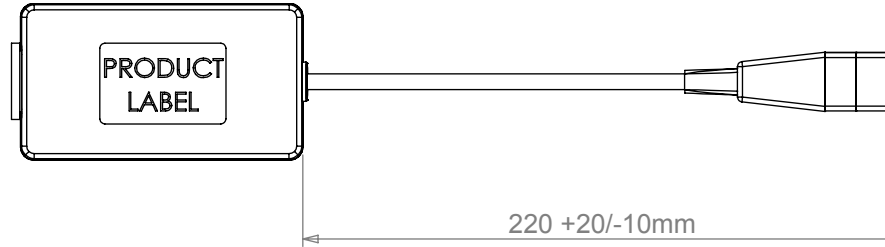
Spacing ≥50mm gap

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

EU CE EN60939

US n/a

CAN n/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
19/03/15
SHEET 1 OF 1
SCALE 1:5
A4

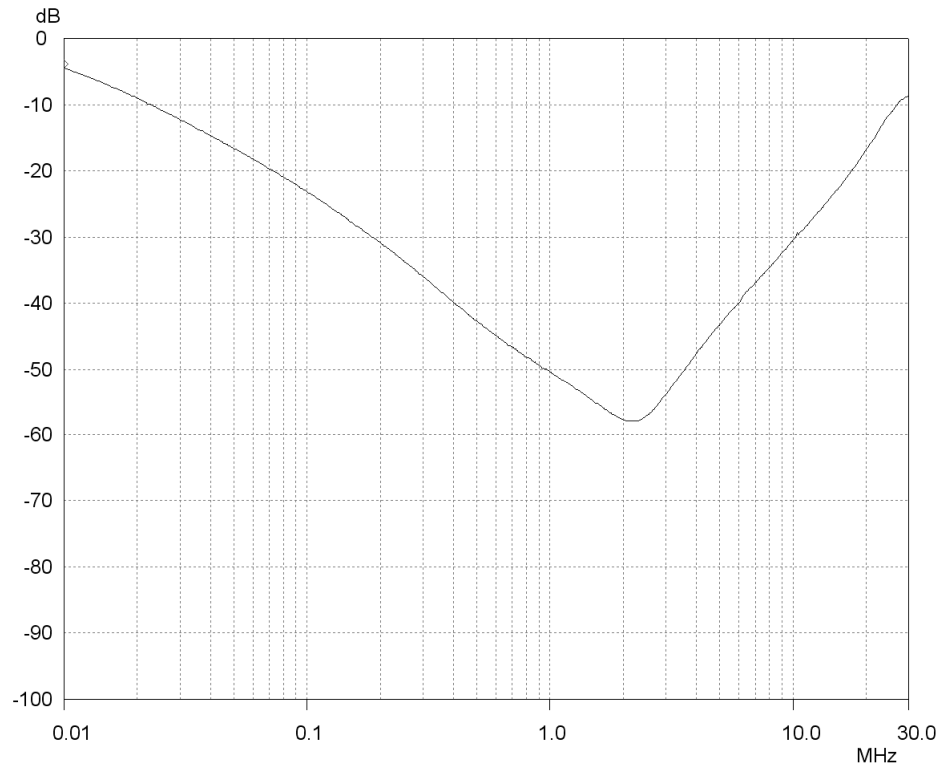
TITLE
SPECIFICATION

DRAWING NO.
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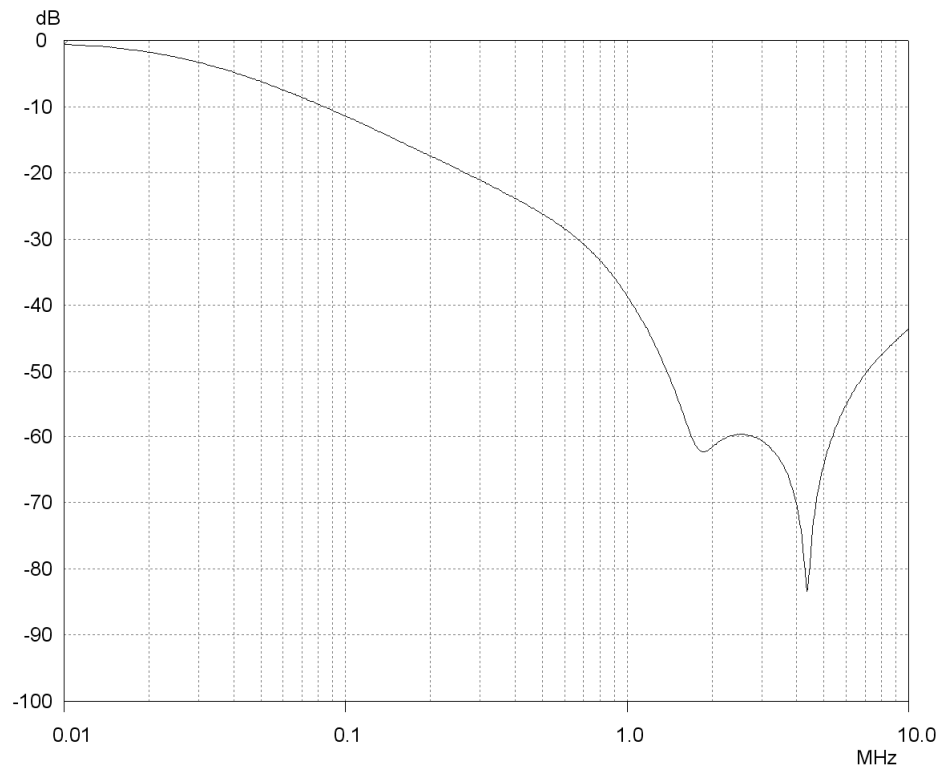
ISSUE
03
Release

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

PMF6



Common Mode



Differential Mode