

1

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PMF16

AKA
n/a

ALTITUDE
2000m

CURRENT
16A 40°C

CLASS
Class I

DEVICE
rfi filter

EARTHING
via IEC connector

ENCLOSURE
plastic ABS UL94-V0

ENVIRONMENT
-25/+85/21

FLAMMABILITY
UL94 V-2 min

GND BOND
25A 50/60Hz

HUMIDITY
93% RH non-condensing

INSULATION
500Vdc ≥3.5MR

IP RATING
IP40

LOSS
4W/ph

LEAKAGE
0.35mA operating

MASS
0.7 kg

MATERIAL
Group IIIa

MOUNTING
desktop

MTBF
22yrs (MIL-HDBK-217F)

OVERLOAD
150% 60s

OVERVOLTAGE
Category II

PACKAGING
ASTM D7386

PCB
n/a

POLLUTION
Degree II

POTTING
resin

POWER
3.8kW

RESIDUAL
60V 1s

RESISTANCE
15.1 mR/ph

SCCR
5kA

SHOCK
15g 11ms

SPACING
≥50mm ventilated surfaces

STYLE
pluggable filter

SUPPLY
1P 50/60Hz

TERMINAL
IEC60320 C19 460mm lead, C20 plug

VARIATOR
L-N 275V 6.5kA (350V)

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

VOLTAGE
230/240V (254V max)

WITHSTAND
2100Vdc 60s

EU/UK
CE/UKCA

US

CAN

OTHER

PRODUCT LABEL

460 +20/-0mm

152.5

82.5

55.0

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460 +20/-0mm

152.5

82.5

55.0

ROXBURGH

EMC SOLUTIONS

PART OF THE ALPHA 3 GROUP

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TOLERANCE
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°

IF IN DOUBT ASK! DO NOT SCALE DRAWING!

FINISH
-

MATERIAL
-

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
Simon Williams

EDITOR
NF

APPROVER
NF

THIRD ANGLE PROJECTION

TITLE
General Specification

FILE
PMF16

PART
PMF16

SHEET 1 OF 2

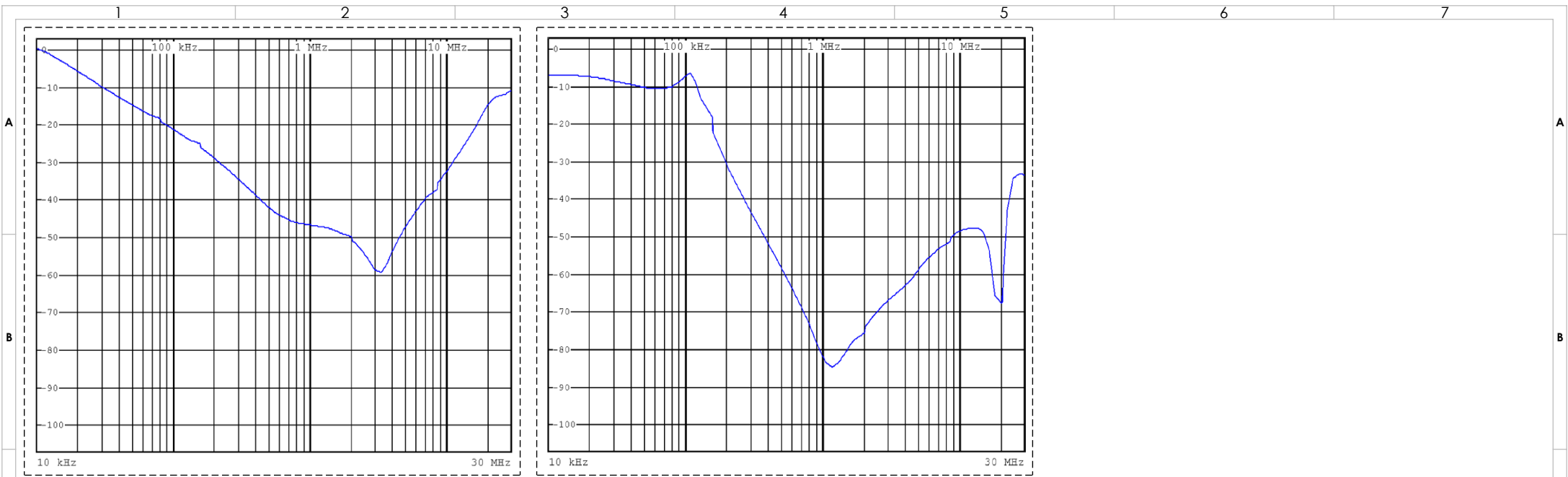
SCALE 1:5 A4

ISSUE/REV. 006

RELEASED

EDIT DATE
07/10/2026

RELEASE DATE
07/10/2026



A1: 50/50Ω ASYMMETRICAL (COMMON)

A2: 50/50Ω SYMMETRICAL (DIFFERENTIAL)



B: 50/50Ω ASYMMETRICAL (COMMON) LINE Y-CAP/CLIP REMOVED

C: 50/50Ω ASYMMETRICAL (COMMON) LOAD Y-CAP/CLIP REMOVED

D: 50/50Ω ASYMMETRICAL (COMMON) Y-CAPS/CLIPS REMOVED