

1 2 3 4 5 6 7

MIF350

AKA n/a

ALTITUDE 2000m

CURRENT 50A 40°C

CLASS Class I

DEVICE rfi filter

EARTHING stud M8 6Nm

ENCLOSURE aluminium 2mm

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 IP00

LOSS 8.4W/ph

LEAKAGE 1.1mA operating

MASS 5.3kg

MATERIAL Group IIIa

MOUNTING M5 2Nm / M6 4.5Nm

MTBF 22yrs (MIL-HDBK-217F)

OVERLOAD 150% 60s

OVERVOLTAGE Category II

PACKAGING ASTM D7386

PCB FR4 ZPMV2 105°C

POLLUTION Degree II

POTTING air

POWER 41.5kW (12kW)

RESIDUAL 19V 5s

RESISTANCE 3.4mR/ph

SCCR 10kA

SHOCK 15g 11ms

SPACING ≥50mm ventilated surfaces

STYLE stud filter

SUPPLY 3P 50/60Hz

TERMINAL stud M6 4.5Nm

VARISTOR n/a

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

VOLTAGE 400/480V (520V max)

WITHSTAND 2900Vdc 60s

EU/UK CE/UKCA

US uR

CAN cUR

OTHER

DETAIL A

9.5 9.5

R5.5 R3.0

20.0 578.0

160.0 34.5

20.0 578.0

35.0 618

18.2

Ø7.0

2 229 68

DELTRON Components

DELTRON Enclosures

ROXBURGH EMC

bes

DEM

Alpha3 manufacturing

PROPRIETARY AND CONFIDENTIAL:

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF **ALPHA 3 MANUFACTURING**. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF **ALPHA 3 MANUFACTURING** IS PROHIBITED.

DEM Manufacturing is a division of Alpha 3 Manufacturing LTD
DEM Manufacturing, Deltron Emcon House, Hargreaves Way,
Sawcliffe Ind. Park, Scunthorpe, North Lincolnshire, DN15 8RF, UK

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

THIRD ANGLE PROJECTION

AUTHOR

EDITOR DB

APPROVER DB

TITLE SPECIFICATION

FILE MIF350

PART MIF350

ISSUE/REV. 008

EDIT DATE 28/06/2023

RELEASED

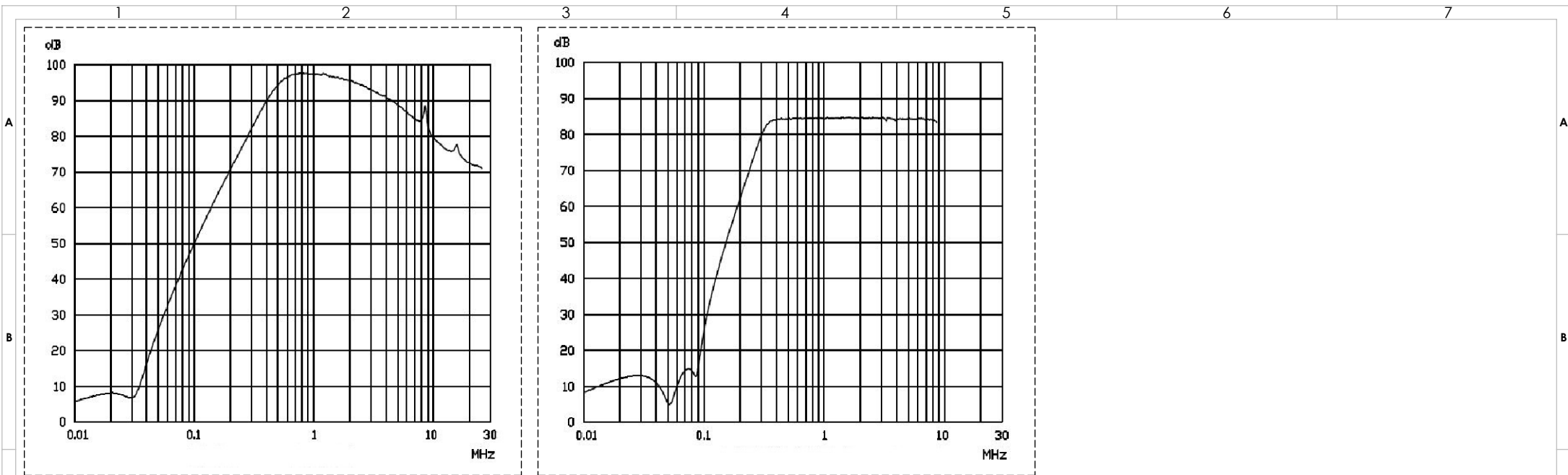
RELEASE DATE 28/06/2023

SHEET 1 OF 2

SCALE 1:5 A4

+44(0)1724 273200

www.dem-uk.com



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