

RF3-0050-4

AKA

n/a

Device

rfi filter

Current

50A 40°C

Earthing

M8x23 stud 6Nm

Enclosure

aluminium 1.2mm

Loss

5.25W/ph

Leakage

22.8mA operating

Mass

3.3kg

Mounting

M6x4

PCB

FR4 AVL2 VW-1 600V 105°C IIIa

Potting

air

Power

41.5kW(12kW)

Protection

IP20

Resistance

2.1mR/ph

Residual

463V 5s

SCCR

200kA

Style

terminal filter

Terminal

screw 2.5-35mm² 4.5Nm 18mm

Varistor

n/a

Supply

3P 480V 50/60Hz

Voltage

528V (460V IT) max

Withstand

2900Vdc 60s

Altitude

2000m w/out derating

Bonding

25A 50/60Hz

Class

class I

Environment

-25/+85/21

Flammability

UL94 V-2 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

OTHER

n/a

TOP VIEW

12.28
[312]

3.68
[93.5]

FRONT VIEW

7.52
[191]

BOTTOM VIEW

12.28
[312]

3.66
[93]

11.73
[298]

3.11
[79]

.28
[7]

.31
[7.75]

Ø.28 [7] THRU
2 PLACES

Ø.28 [7] X .39 [10]
SLOT, 2 PLACES

SIDE VIEW

5.71
[145.16]

Isometric View

4

3

2

1

4

3

2

1

THE COMPONENT, PART OR ASSEMBLY DESCRIBED IN THIS DOCUMENT
MUST COMPLY WITH THE EU(EUROPEAN UNION) DIRECTIVE RoHS2

CONTAINS <0.1% OF ANY SVHC BY WEIGHT PER REACH REGULATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES [MM]
TOLERANCES ARE:
ANGLES: ± 1 °
1 PLACE .X: ± .1 [2.5]
2 PLACE .XX: ± .03 [0.76]
3 PLACE .XXX: ± .010 [0.254]

MTE

POWER QUALITY. SOLVED.

N83 W13330 Leon Road
Menomonee Falls, WI 53051 USA
800.455-4683
262.253.8200

MATERIAL

DRAWN
CH

CHECKED
CH

APPROVED
AK

DATE
12/19/18

DATE
12/19/18

DATE
12/21/18

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DESCRIPTION

RFI/EMI FILTER 50A 480V

SIZE
B

DWG No.
RF3-0050-4

REV
00

SCALE
1:5

SHEET 1 OF 1