

RF3-0006-6

AKA

n/a

Device

rfi filter

Current

6A 40°C

Earthing

M5x15 stud 2Nm

Enclosure

aluminium 1.2mm

Loss

1.2W/ph

Leakage

6mA operating

Mass

0.51kg

Mounting

M5x4

PCB

n/a

Potting

air/resin

Power

6.2kW (1.4kW)

Protection

IP20

Resistance

33mR/ph

Residual

48V 5s

SCCR

200kA

Style

terminal filter

Terminal

screw 0.5-6mm² 0.8Nm 7.5mm

Varistor

n/a

Supply

3P 600V 50/60Hz

Voltage

600V (600V IT) max

Withstand

3200Vdc 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 IIb

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

4

3

2

1

TOP VIEW

7.05 [179]

1.77 [45]

PRODUCT LABEL

FRONT VIEW

3.15 [80]

SIDE VIEW

2.35 [59.6]

.94 [24]

BOTTOM VIEW

7.05 [179]

1.75 [44.5]

.24 [6]

6.56 [166.75]

.25 [6.25]

1.26 [32]

φ.24 [6] THRU 2 PLACES

φ.24 [6] X .34 [8.50] SLOT, 2 PLACES

PRODUCT LABEL

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
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262.253.8200

MATERIAL

DRAWN CH DATE 12/19/18

CHECKED CH DATE 12/19/18

APPROVED AK DATE 01/02/19

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DESCRIPTION

RFI/EMI FILTER 6A 600V

SIZE B

DWG No. RF3-0006-6

REV 00

SCALE 1:2

SHEET 1 OF 1