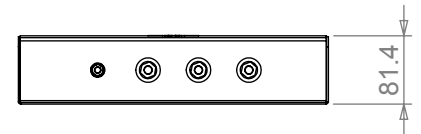
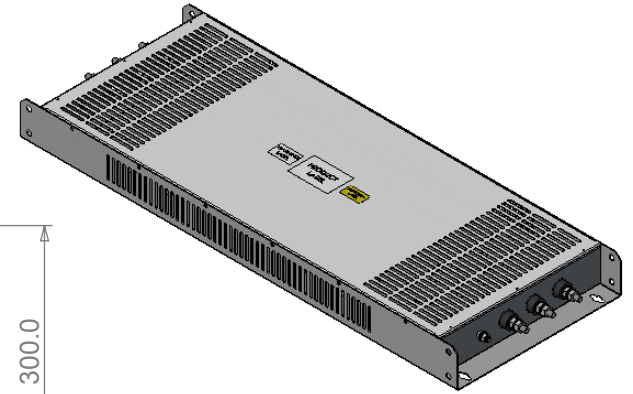
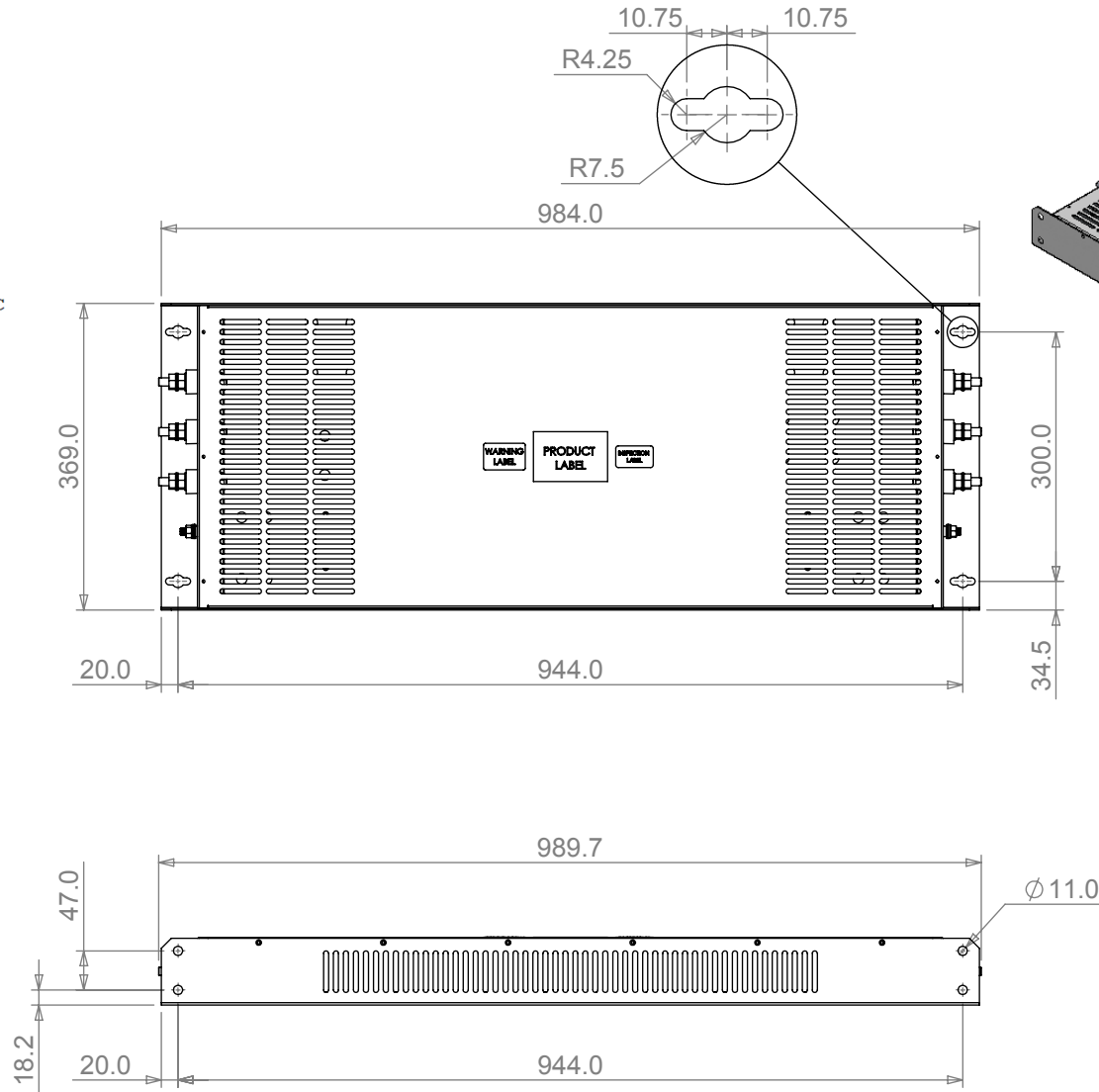


MIF3150

AKA

<b>Description</b>	3P 500V 150A STUD FILTER
<b>Device</b>	rfi filter
<b>Current</b>	150A 40°C
<b>Earthing</b>	stud M8 6Nm
<b>Enclosure</b>	aluminium 2mm
<b>Loss</b>	27.7W/ph
<b>Leakage</b>	22.56mA operating
<b>Mass</b>	17.65kg
<b>Mounting</b>	M8x4 (M10x4)
<b>PCB</b>	fr4 avlv2 VW-1 600V 105°C
<b>Potting</b>	air
<b>Power</b>	124.6kW (36kW)
<b>Protection</b>	IP00
<b>Resistance</b>	1.23mR/ph
<b>Residual</b>	288v 5s
<b>SCCR</b>	10kA
<b>Supply</b>	400/480V 50/60Hz
<b>Terminal</b>	stud M10 ss 20Nm
<b>Varistor</b>	n/a
<b>Withstand</b>	2900Vdc 60s
<b>Altitude</b>	1000m (3000m w/derating)
<b>Bonding</b>	25A 50/60Hz
<b>Class</b>	class I
<b>Environment</b>	-25/+85/21
<b>Flammability</b>	ULV2 min
<b>Humidity</b>	93% RH non-condensing
<b>Insulation</b>	500Vdc ≥3.5MR
<b>Material</b>	group IIIB
<b>MTBF</b>	22yrs (MIL-HDBK-217F)
<b>Overload</b>	135% 2hrs 150% 60s
<b>Overvoltage</b>	category II
<b>Packaging</b>	ASTM D7386
<b>Pollution</b>	degree II
<b>Shock</b>	15g 11ms
<b>Spacing</b>	≥50mm gap
<b>Vibration</b>	5-55Hz 350um 55-500Hz 2G
<b>EU</b>	CE EN60939
<b>US</b>	uR UL1283
<b>CAN</b>	cUR CSA22.2

# DETAIL A



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Website www.dem-uk.com

**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.

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

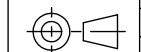
SW

23/02/15

TITLE

SPECIFICATION

THIRD ANGLE PROJECTION



SHEET 1 OF 1

SCALE 1:10

A4

DRAWING NO.

MIF3150

ISSUE

10

Release



DEM Manufacturing, Deltron Emcon House, Hargreaves Way, Sawcliffe Ind. Park, Scunthorpe, North Lincolnshire, DN15 8RF, UK

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

MIF3100

