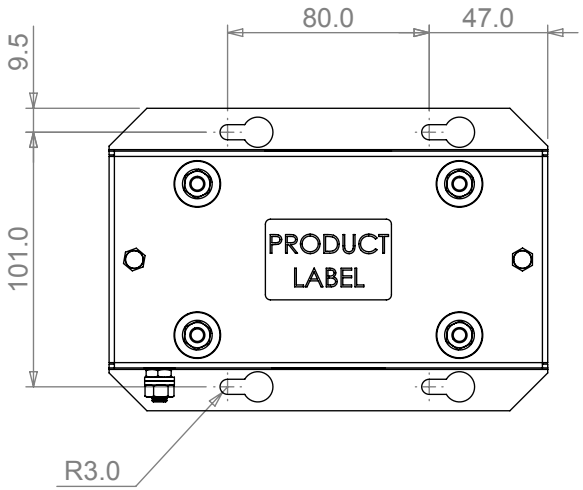
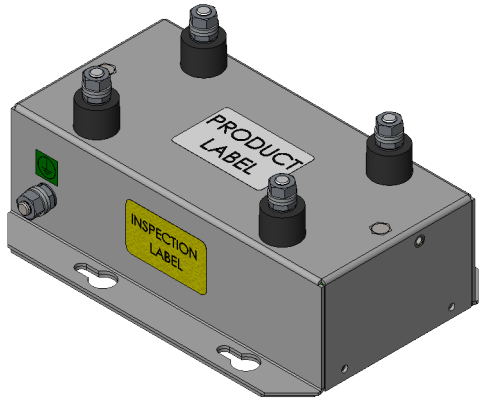
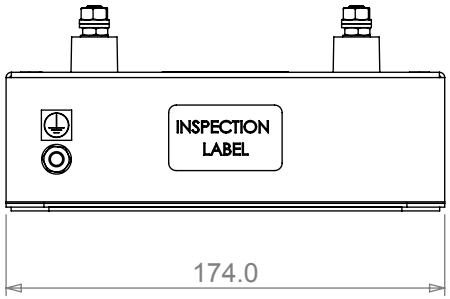
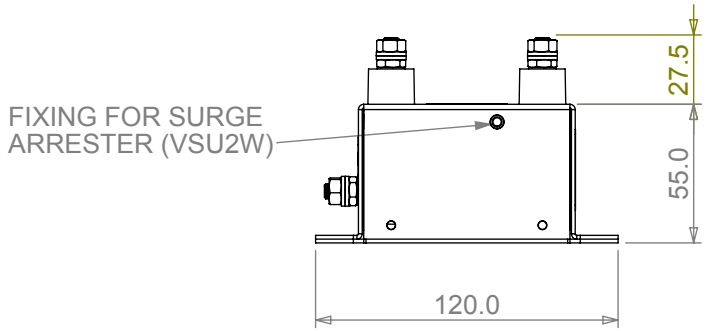
MDF25

AKA	
Device	rfi filter
Current	25A 40°C
Earthing	M6x13 stud 4Nm
Enclosure	aluminium 1.5mm
Loss	5.3W/ph
Leakage	110mA operating
Mass	1.75kg
Mounting	M5x4
PCB	FR4 AVLV2 VW-1 600V 105°C IIIa
Potting	resin
Power	6kW
Protection	IP00
Resistance	8.5mR/ph
Residual	5V 5s
SCCR	5kA
Style	Stud filter
Terminal	stud M6 4Nm
Varistor	n/a
Voltage	1P 250V 50/60Hz
Volts IT	
Withstand	2100Vdc 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	









Tel No. +44(0)1724 273200
Website www.dem-uk.com

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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	SW
DATE	10/04/15
THIRD ANGLE PROJECTION	SHEET 1 OF 1
	SCALE 1:2
	A4

TITLE: SPECIFICATION

DRAWING NO.: MDF25

ISSUE: **04** **Release**

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

MDF25