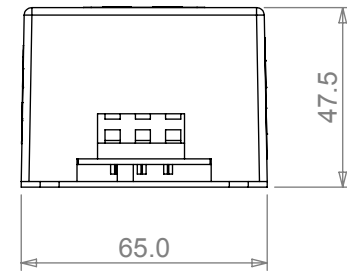
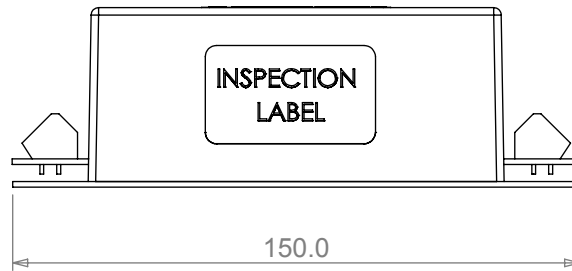
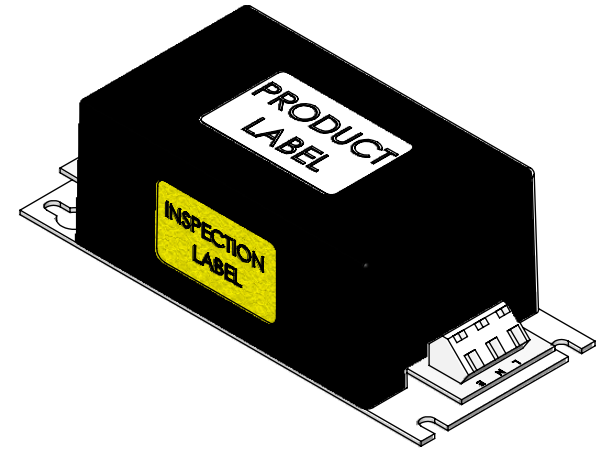
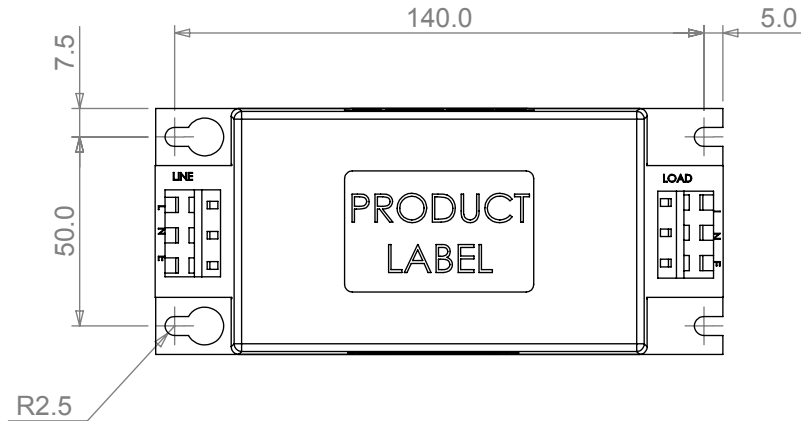


MDF16	
AKA	
Description	1P 250V 16A STUD FILTER
Device	rfi filter
Current	16A 40°C
Earthing	spring 2.5mm <sup>2</sup> strip 6mm
Enclosure	plastic ABS UL94-V0
Loss	2.5W/ph
Leakage	4.98mA operating
Mass	0.5kg
Mounting	M4x4
PCB	fr4 avlv2 VW-1 600V 105°C
Potting	air/resin
Power	3.8kW
Protection	IP20
Resistance	9.8mR/ph
Residual	13V 5s
SCCR	5kA
Supply	230/240V 50/60Hz
Terminal	spring 2.5mm <sup>2</sup> strip 6mm
Varistor	n/a
Withstand	2100Vdc 60s
Altitude	1000m (3000m w/derating)
Bonding	25A 50/60Hz
Class	class I
Environment	-25/+85/21
Flammability	ULV2 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



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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°**

**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	26/03/15
THIRD ANGLE PROJECTION	SHEET 1 OF 1
	SCALE 1:2
	A4

TITLE
SPECIFICATION
DRAWING NO.
MDF16

ISSUE	<b>04</b>
Release	

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

MDF16

