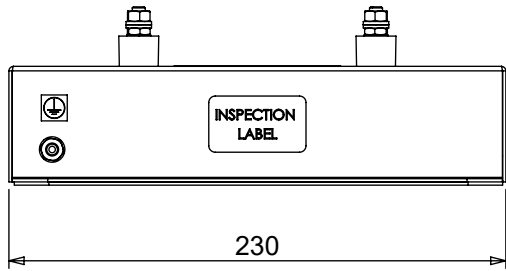
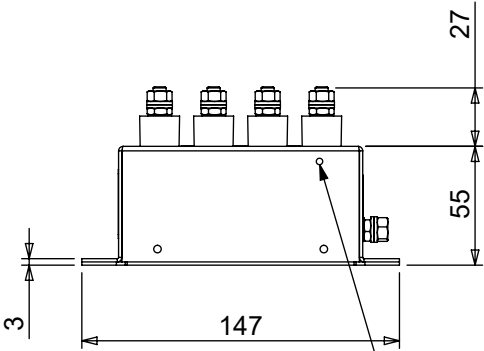
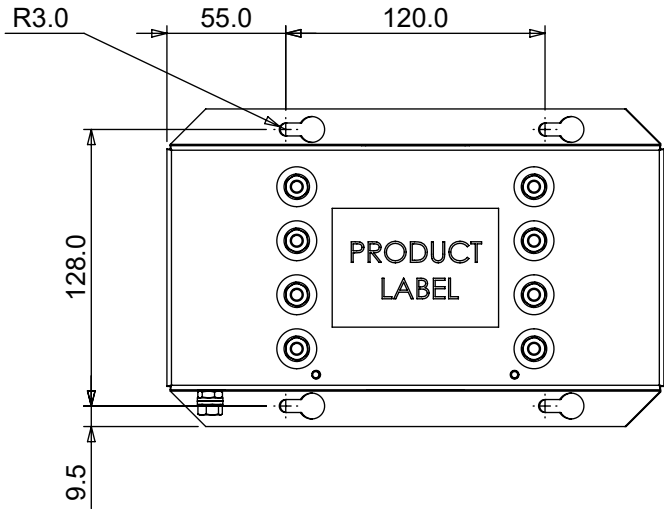
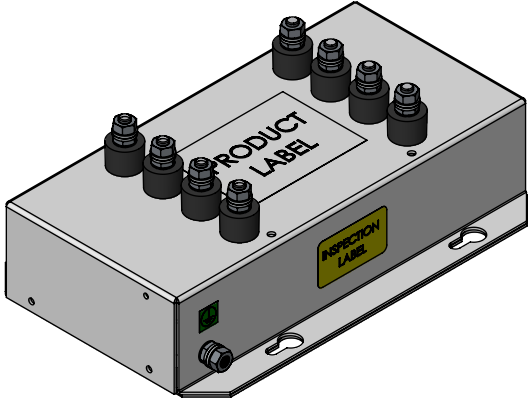
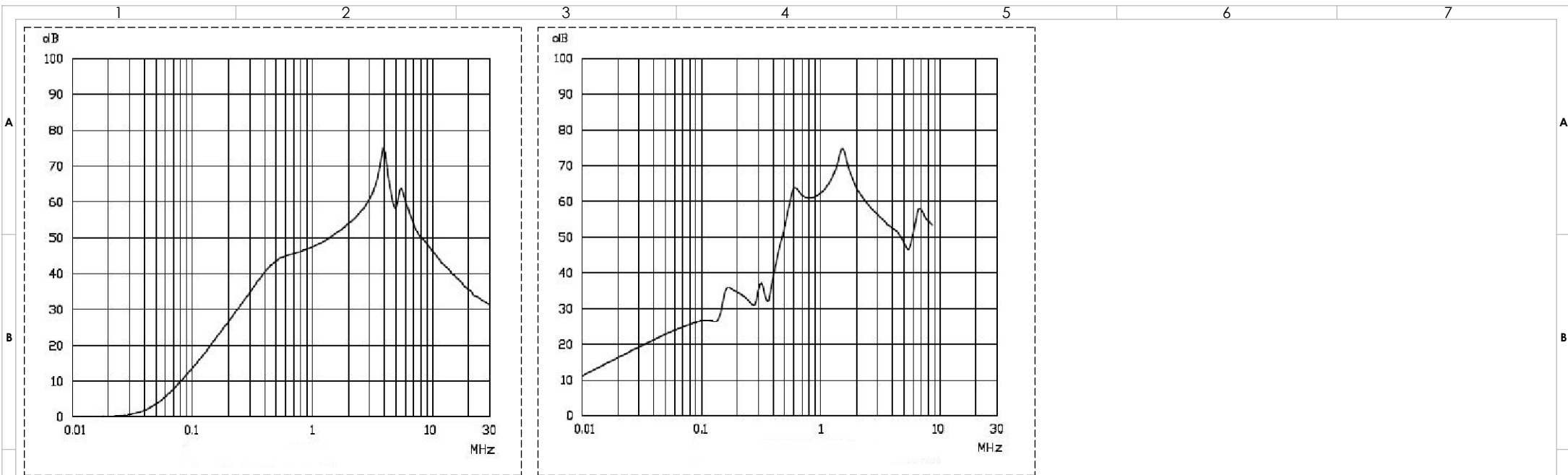


	1	2	3	4	5	6	7
	IHF450						
	AKA	n/a					
	ALTITUDE	2000m					
	CURRENT	50A 40°C					
A	CLASS	Class I					
	DEVICE	rfi filter					
	EARTHING	M6x13 stud 4Nm					
	ENCLOSURE	aluminium 1.2mm					
	ENVIRONMENT	-25/+85/21					
	FLAMMABILITY	UL94 V-2 min					
	GND BOND	25A 50/60Hz					
	HUMIDITY	93% RH non-condensing					
	INSULATION	500Vdc ≥3.5MR					
	IP RATING	IP00					
B	LOSS	2.5W/ph					
	LEAKAGE	1.9mA operating					
	MASS	2.7kg					
	MATERIAL	Group II Ia					
	MOUNTING	M5 2Nm					
	MTBF	22yrs (MIL-HDBK-217F)					
	OVERLOAD	150% 60s					
	OVERVOLTAGE	Category II					
	PACKAGING	ASTM D7386					
	PCB	FR4 ZPMV2 105°C					
C	POLLUTION	Degree II					
	POTTING	resin					
	POWER	41.5kW (12kW)					
	RESIDUAL	110V 5s					
	RESISTANCE	1mR/ph					
	SCCR	5kA					
	SHOCK	15g 11mS					
	SPACING	≥50mm ventilated surfaces					
	STYLE	stud filter					
	SUPPLY	3PN 50/60Hz					
D	TERMINAL	M6 stud 4Nm					
	VARIATOR	n/a					
	VIBRATION	5-55Hz 350um 55-500Hz 2G					
	VOLTAGE	400/480V (520V max)					
	WITHSTAND	2100Vdc 60s					
	EU/UK	CE/UKCA					
	US						
	CAN						
	OTHER						
E							





B: 50/50Ω ASYMMETRICAL (COMMON) LINE Y-CAP/CLIP REMOVED			C: 50/50Ω ASYMMETRICAL (COMMON) LOAD Y-CAP/CLIP REMOVED			D: 50/50Ω ASYMMETRICAL (COMMON) Y-CAPS/CLIPS REMOVED		
DELTRON Components			DEM			Alpha3 manufacturing		
DELTRON Enclosures			ROXBURGH EMC					
+44(0)1724 273200			www.dem-uk.com					
PROPRIETARY AND CONFIDENTIAL:			IF IN DOUBT ASK! DO NOT SCALE DRAWING!			AUTHOR SW		
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES			MATERIAL -			APPROVER DB		
LINEAR & RADIAL TOLERANCE:			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			THIRD ANGLE PROJECTION		
NO DECIMAL PLACES ±0.5mm						SHEET 2 OF 2		
1 DECIMAL PLACE ±0.25mm						ISSUE/REV. 007		
2 DECIMAL PLACES ±0.125mm						EDIT DATE 15/06/2023		
ANGULAR TOLERANCE: ±1°						RELEASED		
DEM Manufacturing is a division of Alpha 3 Manufacturing LTD						RELEASE DATE 15/06/2023		
DEM Manufacturing, Deltron Emcon House, Hargreaves Way, Sawcliffe Ind. Park, Scunthorpe, North Lincolnshire, DN15 8RF, UK								