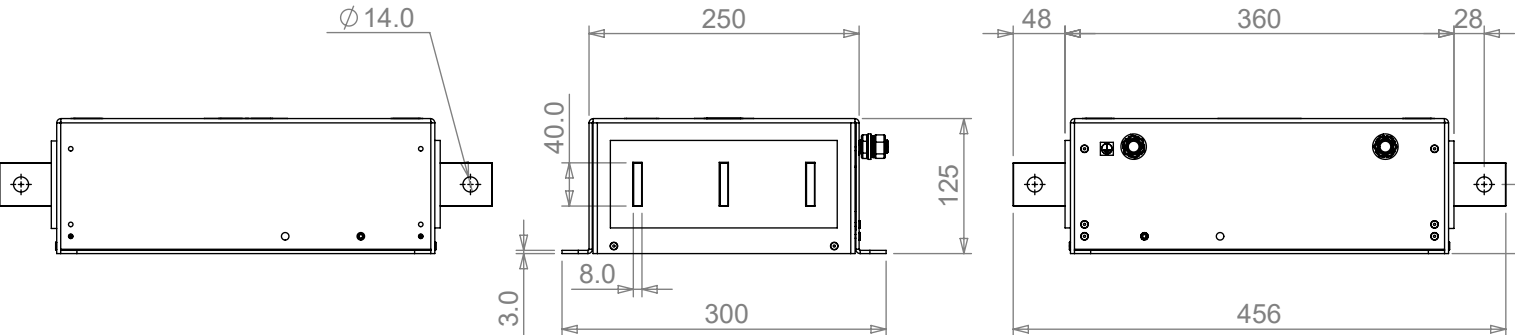
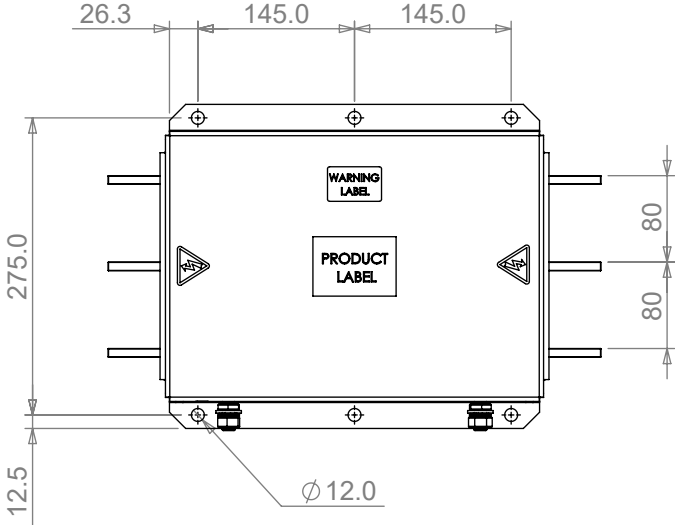
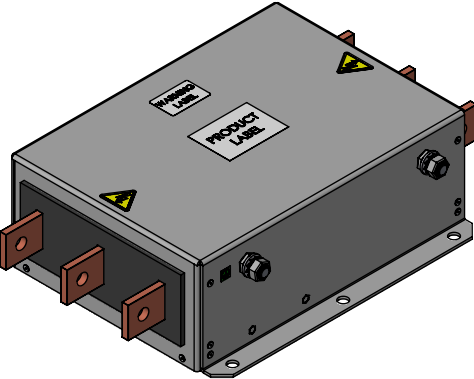


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KMF3820V	
AKA	n/a
ALTITUDE	2000m
CURRENT	820A 40°C
CLASS	Class I
DEVICE	rfi filter
EARTHING	M12x30 stud 30Nm
ENCLOSURE	aluminium 2mm
ENVIRONMENT	-25/+85/21
FLAMMABILITY	UL94 V-2 min
GND BOND	25A 50/60Hz
HUMIDITY	93% RH non-condensing
INSULATION	500Vdc ≥3.5MR
IP RATING	IP00
LOSS	20.9W/ph
LEAKAGE	5.7mA operating
MASS	25.5kg
MATERIAL	Group IIIa
MOUNTING	M10 20Nm
MTBF	22yrs (MIL-HDBK-217F)
OVERLOAD	150% 60s
OVERVOLTAGE	Category II
PACKAGING	ASTM D7386
PCB	FR4 ZPMV2 105°C
POLLUTION	Degree II
POTTING	resin
POWER	851.2kW(196.8kW)
RESIDUAL	484V 5s
RESISTANCE	31uR/ph
SCCR	85kA (200kA when fused)
SHOCK	15g 11ms
SPACING	≥50mm ventilated surfaces
STYLE	busbar filter
SUPPLY	3P 50/60Hz
TERMINAL	Cu 40x8mm M10x20mm 20Nm
VARIATOR	n/a
VIBRATION	5-55Hz 350um 55-500Hz 2G
VOLTAGE	600V (630V max)
WITHSTAND	3200Vdc 60s
EU/UK	CE/UKCA
US	uR
CAN	cUR
OTHER	



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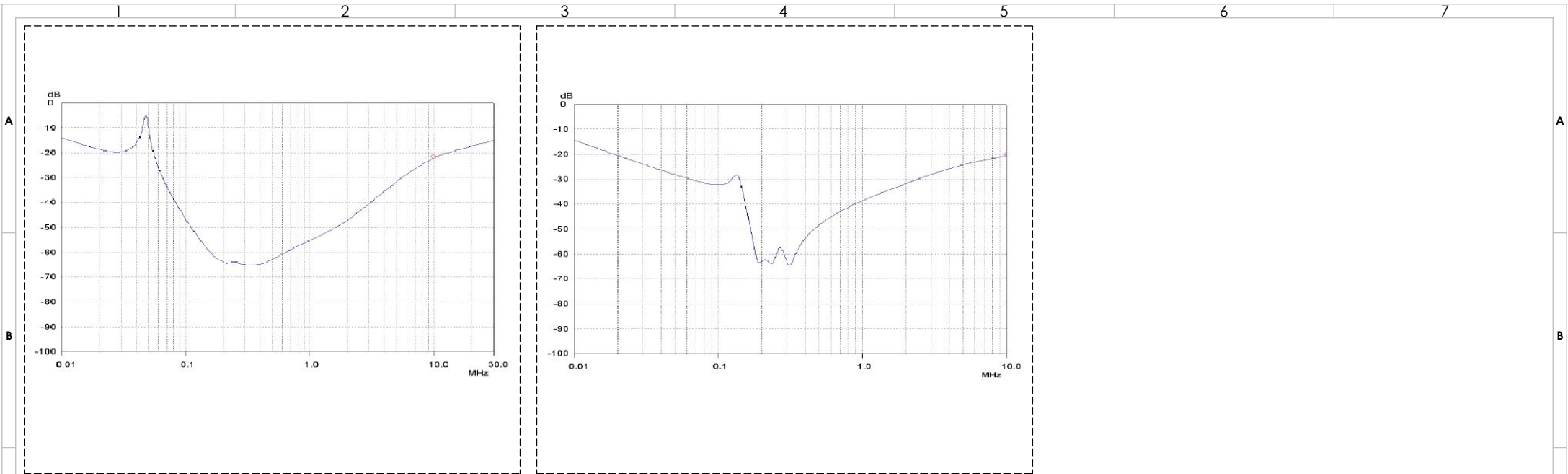
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES
LINEAR & RADIAL TOLERANCE:
NO DECIMAL PLACES ±0.5mm
1 DECIMAL PLACE ±0.25mm
2 DECIMAL PLACES ±0.125mm
ANGULAR TOLERANCE: ±1°

IF IN DOUBT ASK! DO NOT SCALE DRAWING!

FINISH -
MATERIAL -

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

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EDITOR		FILE	
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SHEET 1 OF 2		EDIT DATE 08/03/2024	
SCALE 1:5 A4		RELEASED	
		RELEASE DATE 08/03/2024	



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				E			
DELTRON Components DELTRON Enclosures ROXBURGH EMC		b.e.s. DEM Alpha3 manufacturing		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. DEM Manufacturing is a division of Alpha 3 Manufacturing LTD. 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°		IF IN DOUBT ASK! DO NOT SCALE DRAWING! FINISH - MATERIAL - 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 EDITOR SW APPROVER SW THIRD ANGLE PROJECTION		TITLE SPECIFICATION FILE KMF3820V PART KMF3820V ISSUE/REV. 014 EDIT DATE 08/03/2024 RELEASE DATE 08/03/2024		SHEET 2 OF 2 SCALE 1:1 A4 RELEASED	