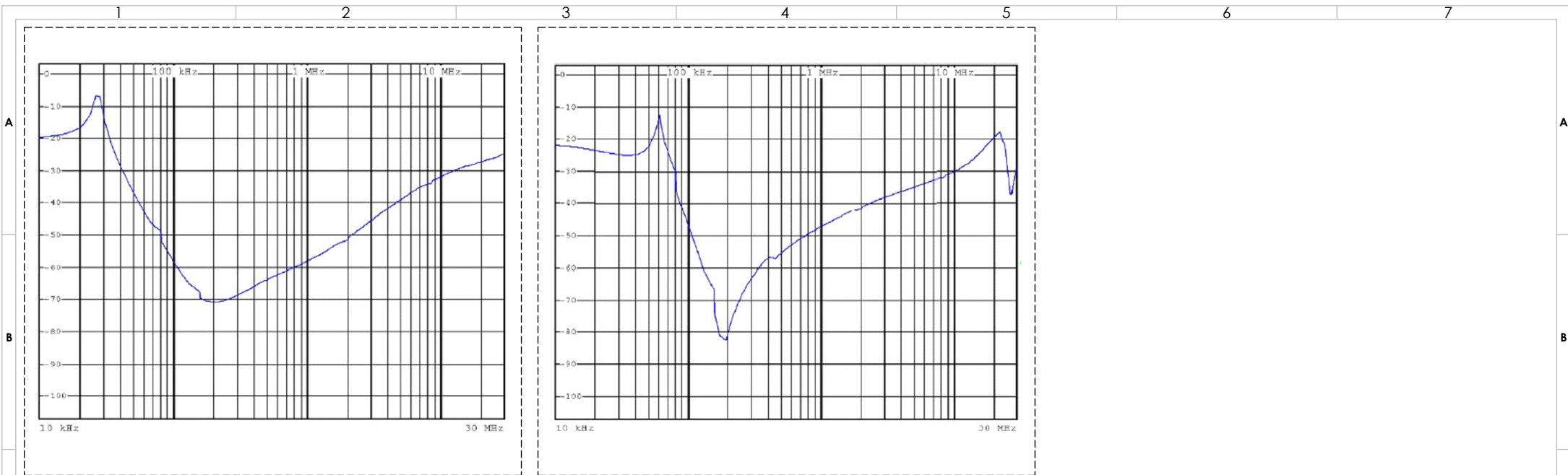


	1	2	3	4	5	6	7
	KMF3180V						
	AKA	n/a					
	ALTITUDE	2000m					
	CURRENT	180A (UL 165A) 40°C					
A	CLASS	Class I					
	DEVICE	rfi filter					
	EARTHING	M10x28 stud 20Nm					
	ENCLOSURE	aluminium 1.2mm					
	ENVIRONMENT	-25/+85/21					
	FLAMMABILITY	UL94 V-2 min					
	GND BOND	25A 50/60Hz					
	HUMIDITY	93% RH non-condensing					
	INSULATION	500Vdc ≥3.5MR					
	IP RATING	IP20					
B	LOSS	8.9W/ph					
	LEAKAGE	8.2mA operating					
	MASS	7.2kg					
	MATERIAL	Group IIa					
	MOUNTING	M6 4.5Nm					
	MTBF	22yrs (MIL-HDBK-217F)					
	OVERLOAD	150% 60s					
	OVERVOLTAGE	Category II					
	PACKAGING	ASTM D7386					
	PCB	FR4 ZEMV2 105°C					
C	POLLUTION	Degree II					
	POTTING	air					
	POWER	186.8kW (43.2kW)					
	RESIDUAL	740V 5s					
	RESISTANCE	0.27mR/ph					
	SCCR	10kA (200kA when fused)					
	SHOCK	15g 11ms					
	SPACING	≥50mm ventilated surfaces					
	STYLE	terminal filter					
	SUPPLY	3P 50/60Hz					
D	TERMINAL	screw 16-95mm² 12Nm 27mm str					
	VARISTOR	n/a					
	VIBRATION	5-55Hz 350um 55-500Hz 2G					
	VOLTAGE	600V max					
	WITHSTAND	3200Vdc 60s					
	EU/UK	CE/UKCA					
	US	uR					
	CAN	cUR					
	OTHER						
E							

DELTRON Components DELTRON Enclosures ROXBURGH EMC		b.e.s DEM 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 DB APPROVER THIRD ANGLE PROJECTION		TITLE SPECIFICATION FILE KMF3180V PART KMF3180V ISSUE/REV. 011 EDIT DATE 15/06/2023 RELEASED RELEASE DATE 15/06/2023	
+44(0)1724 273200 www.dem-uk.com										SCALE 1:5 A4			



A1: 50/50Ω ASYMMETRICAL (COMMON)

A2: 50/50Ω SYMMETRICAL (DIFFERENTIAL)



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