

1 2 3 4 5 6 7

KMF306

AKA n/a

ALTITUDE 2000m

CURRENT 6A 40°C

CLASS Class I

DEVICE rfi filter

EARTHING M5x15 stud 2Nm

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

LOSS 1.2W/ph

LEAKAGE 0.33mA operating

MASS 0.55kg

MATERIAL Group IIIa

MOUNTING M5 2Nm

MTBF 22yrs (MIL-HDBK-217F)

OVERLOAD 150% 60s

OVERVOLTAGE Category II

PACKAGING ASTM D7386

PCB n/a

POLLUTION Degree II

POTTING air/resin

POWER 5kW(1.4kW)

RESIDUAL 48V 5s

RESISTANCE 33mR/ph

SCCR 5kA (200kA when fused)

SHOCK 15g 11mS

SPACING ≥50mm ventilated surfaces

STYLE terminal filter

SUPPLY 3P 50/60Hz

TERMINAL screw 0.5-6mm² 0.8Nm 7.5mm str

VARISTOR n/a

VIBRATION 5-55Hz 350um 55-500Hz 2G

VOLTAGE 400/480V (520V max)

WITHSTAND 2900Vdc 60s

EU/UK CE/UKCA

US uR

CAN cUR

OTHER

PRODUCT LABEL

INSPECTION LABEL

WARNING LABEL

1.2

45

79

151

179

167

32.0

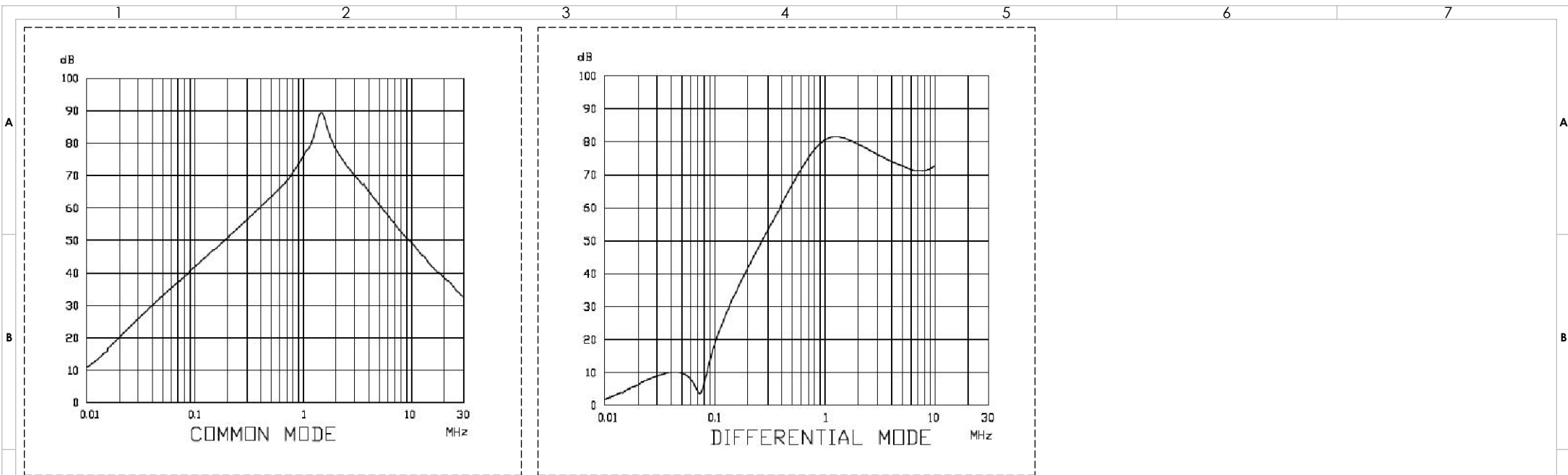
6.0

6.5

Ø6.0

THIRD ANGLE PROJECTION

DELTRON Components		DEM		PROPRIETARY AND CONFIDENTIAL:		IF IN DOUBT ASK! DO NOT SCALE DRAWING!		AUTHOR		TITLE	
DELTRON Enclosures		Alpha3		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.		FINISH -		EDITOR DB		FILE KMF306	
ROXBURGH EMC		www.dem-uk.com		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°		MATERIAL -		APPROVER DB		PART KMF306	
+44(0)1724 273200				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		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		SHEET 1 OF 2	
								SCALE 1:5		A4	
								ISSUE/REV. 013		RELEASED	
								EDIT DATE 15/06/2023		RELEASE DATE 15/06/2023	



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

DELTRON Components			PROPRIETARY AND CONFIDENTIAL:		IF IN DOUBT ASK! DO NOT SCALE DRAWING!		AUTHOR		TITLE	
DELTRON Enclosures			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.	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°	EDITOR		FILE			
ROXBURGH EMC					APPROVER		PART			
+44(0)1724 273200		www.dem-uk.com		DEM Manufacturing is a division of Alpha 3 Manufacturing LTD	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		SHEET 2 OF 2	
				DEM Manufacturing, Deltron Emcon House, Hargreaves Way, Sawcliffe Ind. Park, Scunthorpe, North Lincolnshire, DN15 8RF, UK					SCALE 1:1 A4	
									ISSUE/REV. 013	
									RELEASED	
									EDIT DATE 15/06/2023	
									RELEASE DATE 15/06/2023	