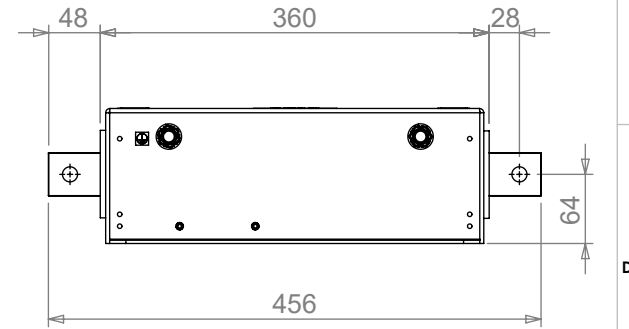
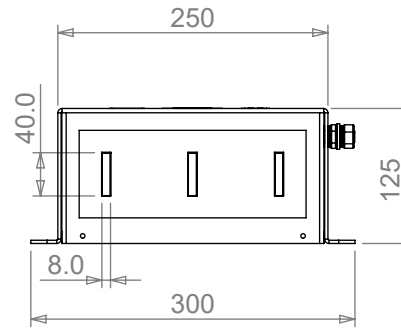
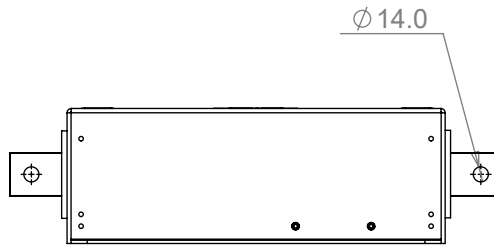
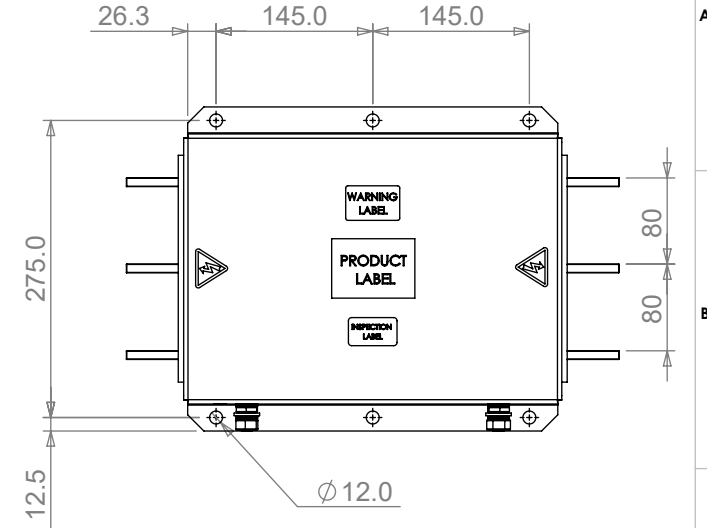
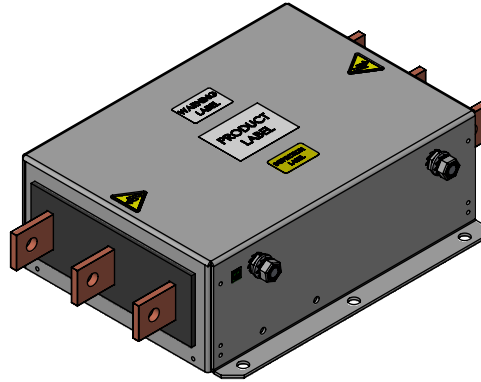


KMF3820A	
AKA	n/a
Device	rfi filter
Current	820A 40°C
Earthing	M12x30 stud 30Nm
Enclosure	aluminium 2mm
Loss	20.9W/ph
Leakage	3.1mA operating
Mass	23.3kg
Mounting	M10 20Nm
PCB	FR4 AVL2 VW-1 600V 105°C IIIa
Potting	resin
Power	680.9kW (196.8kW)
Protection	IP00
Resistance	31uR/ph
Residual	609V 5s
SCCR	200kA when fused
Style	busbar filter
Terminal	Cu 40x8mm M10x20mm 20Nm
Varistor	n/a
Supply	3P 480V 50/60Hz
Voltage	528V (480V IT) max
Withstand	2900Vdc 60s
Altitude	2000m w/out derating
Bonding	25A 50/60Hz
Class	class I
Environment	-25/+85/21
Flammability	UL94 V-2 min
Humidity	93% RH non-condensing
Insulation	500Vdc >3.5MR
Material	group IIIb
MTBF	22yrs (MIL-HDBK-217F)
Overload	135% 2hrs 150% 60s
Overvoltage	category II (typ. 2.5/5kV)
Packaging	ASTM D7386
Pollution	degree II
Shock	15g 11mS
Spacing	>50mm from ventilated surfaces
Vibration	5-55Hz 350um 55-500Hz 2G
EU	CE EN60939
US	uR UL1283
CAN	cUR CSA22.2
OTHER	n/a



+44(0)1724 273200      www.dem-uk.com

**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	-

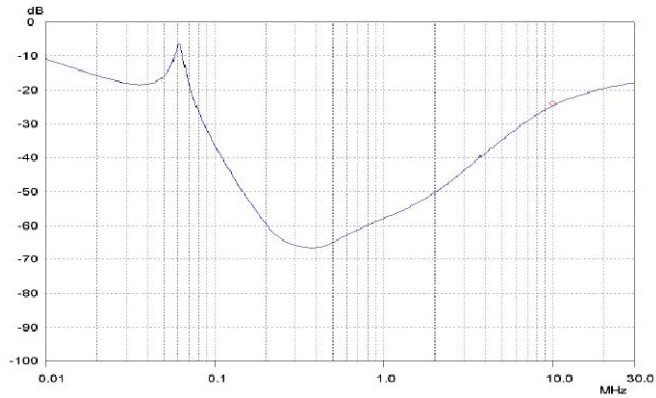
THE FINISHED PRODUCT SHOULD BE CLEAN AND FREE FROM ALL LIQUIDS AND DEBRIS. SURFACES SHOULD BE OF UNIFORM APPEARANCE FREE FROM SHARP EDGES, BURRS AND CORROSION

AUTHOR	
EDITOR	DB
APPROVER	DB

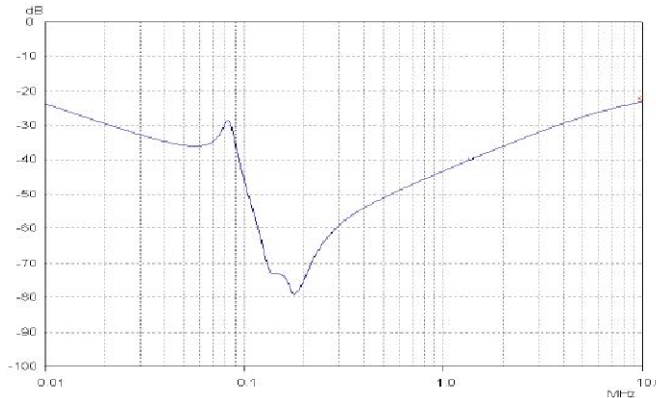
THIRD ANGLE PROJECTION

SHEET 1 OF 2	ISSUE/REV. 013	EDIT DATE 25/05/2021
SCALE 1:5	A4	RELEASE DATE 25/05/2021

TITLE	SPECIFICATION	
FILE	KMF3820A	
PART	KMF3820A	
RELEASED		



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