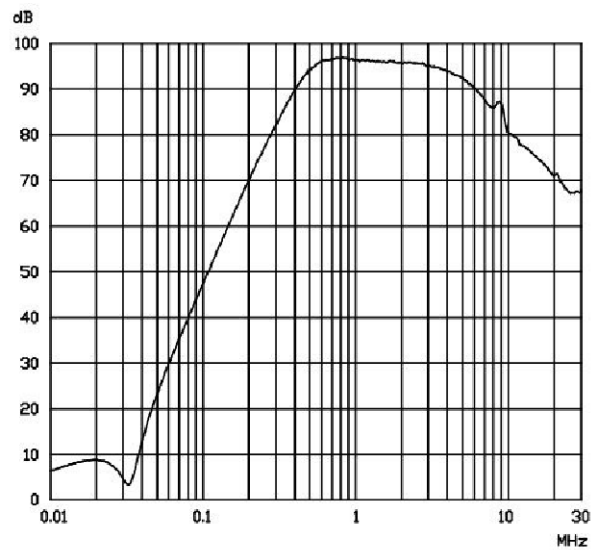
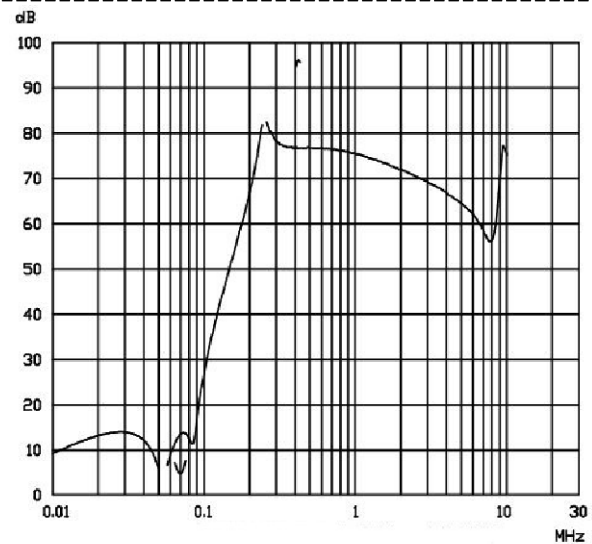


	1	2	3	4	5	6	7
A	IHF25						
	AKA	n/a					
	ALTITUDE	2000m					
	CURRENT	25A 40°C					
	CLASS	Class I					
	DEVICE	rfi filter					
	EARTHING	M6x13 stud 4Nm					
	ENCLOSURE	aluminium 1.2mm					
	ENVIRONMENT	-25/+85/21					
	FLAMMABILITY	UL94 V-2 min					
B	GND BOND	25A 50/60Hz					
	HUMIDITY	93% RH non-condensing					
	INSULATION	500Vdc ≥3.5MR					
	IP RATING	IP00					
	LOSS	5.31W/ph					
	LEAKAGE	1.7mA operating					
	MASS	1.75kg					
	MATERIAL	Group II Ia					
	MOUNTING	M5 2Nm					
	MTBF	22yrs (MIL-HDBK-217F)					
C	OVERLOAD	150% 60s					
	OVERVOLTAGE	Category II					
	PACKAGING	ASTM D7386					
	PCB	FR4 ZPMV2 105°C					
	POLLUTION	Degree II					
	POTTING	resin					
	POWER	6kW					
	RESIDUAL	1v 5s					
	RESISTANCE	8.5mR/ph					
	SCCR	5kA					
D	SHOCK	15g 11mS					
	SPACING	≥50mm ventilated surfaces					
	STYLE	stud filter					
	SUPPLY	1P 50/60Hz					
	TERMINAL	M6 stud 4Nm					
	VARIABLE	n/a					
	VIBRATION	5-55Hz 350µm 55-500Hz 2G					
	VOLTAGE	230/240V (254V max)					
	WITHSTAND	2100Vdc 60s					
	EU/UK	CE/UKCA					
E	US						
	CAN						
	OTHER						



A: 50/50Ω ASYMMETRICAL (COMMON)



B: 50/50Ω SYMMETRICAL (DIFFERENTIAL)

**PROPRIETARY AND CONFIDENTIAL:**

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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	

AUTHOR	SW
EDITOR	DB
APPROVER	DB
THIRD ANGLE PROJECTION	

SHEET 2 OF 2
SCALE 1:1
A4

TITLE		SPECIFICATION	
FILE		IHF25	
PART		IHF25	
ISSUE/REV.	006	VERSION	16
RELEASED		EDIT DATE	14 Jun 2023