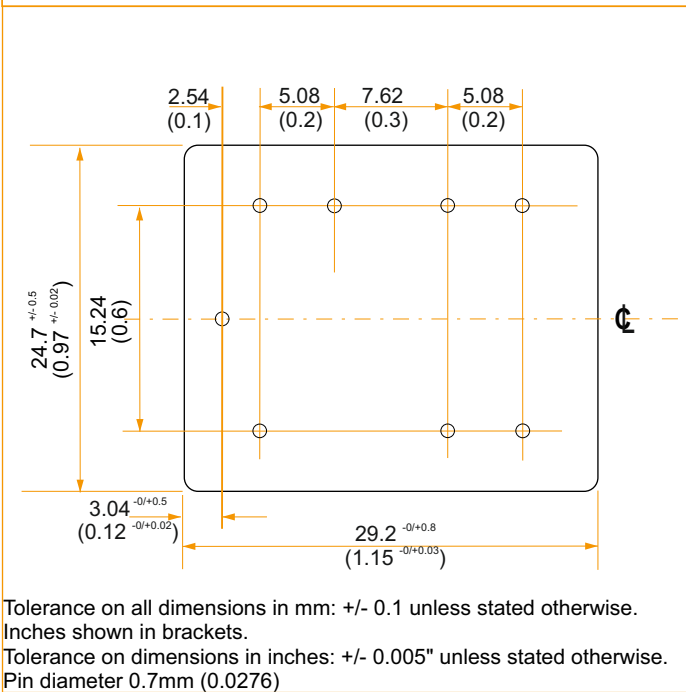
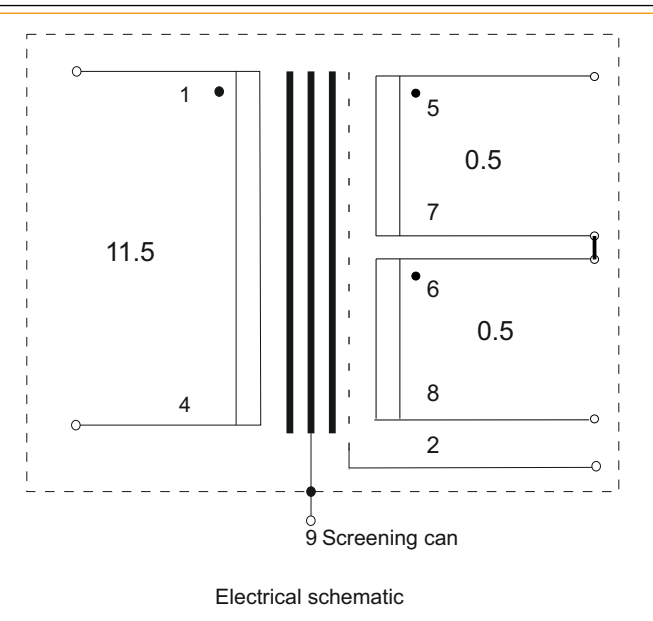
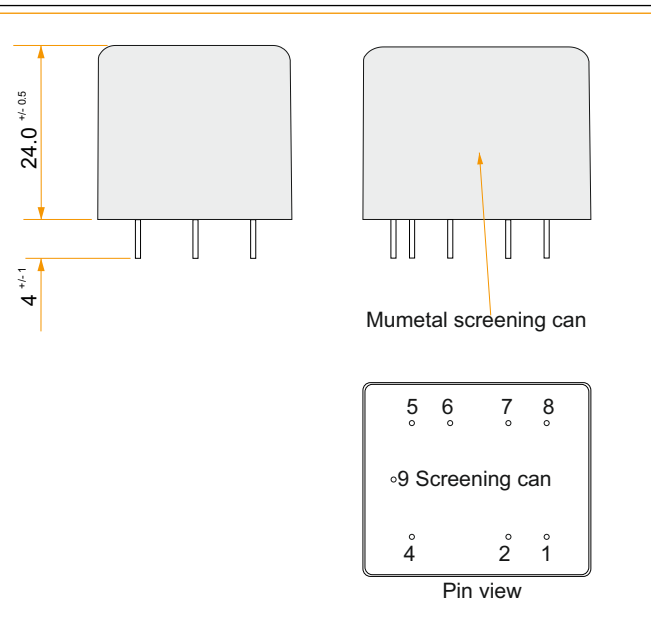
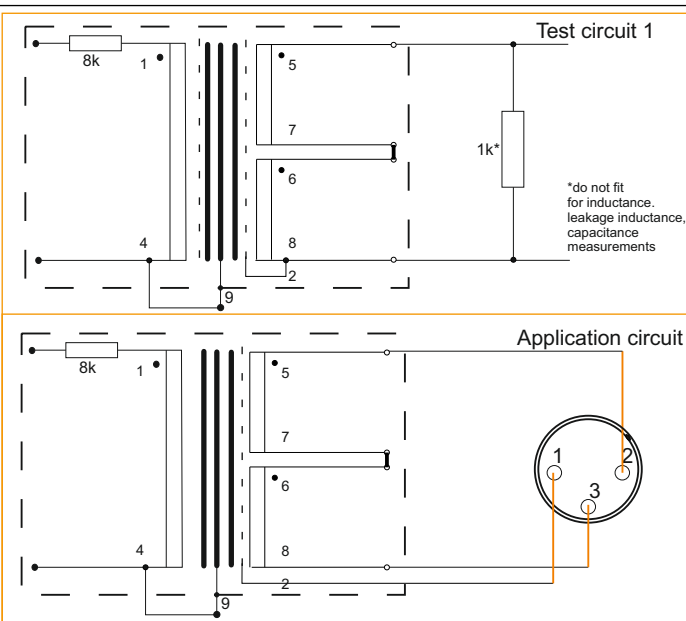




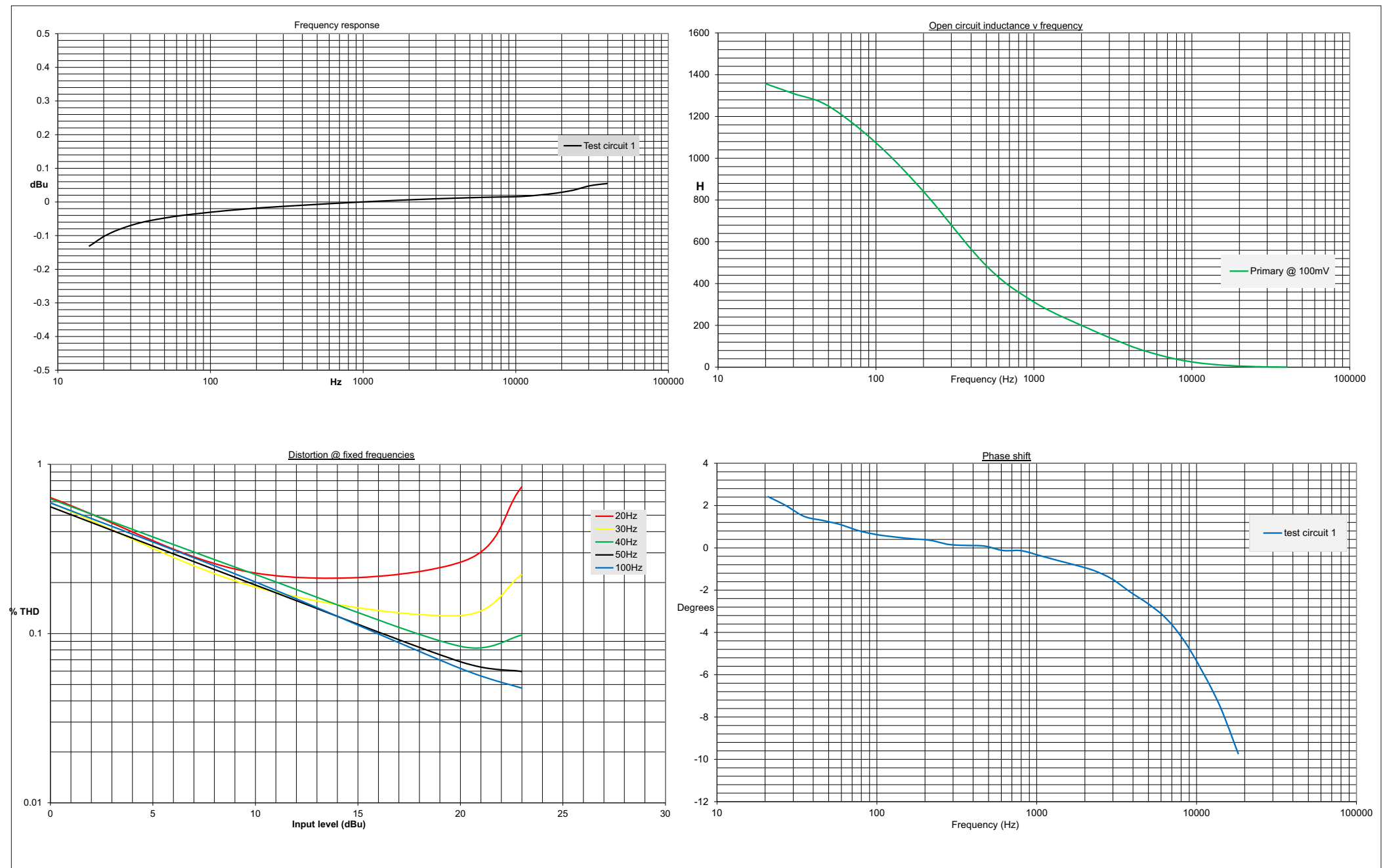
Specifications:
 Turns ratio: 11.5 to 0.5+0.5
 DC resistance (Ω +/-15%):
 (1 - 4): 3.3k
 (5 - 8 (6+7 tied): 58
 Input impedance: 140k Ω (1k load)
 Output impedance: 150 Ω (8k load)
 Maximum input level @ 20Hz with <1% distortion: +23dBu
 Leakage inductance (1 - 4) @ 1kHz: 150mH (typ.) (5, 6, 7, 8 S/C)
 Interwinding capacitance @ 10kHz:
 (1,4) to (5,8): 90pF (typ.)
 (1,4) to scr: 160pF (typ.)
 (5,8) to scr: 190pF (typ.)
 Voltage gain (@1kHz, 0dBu): -21.9dBu +/- 0.2
 Insertion loss: 0.7dB (typ.)
 Proof voltage: winding to winding: 250Vrms
 screens to windings: 250Vrms

Applications:
 D.I. for electric guitar
 Coupling instrument pickups to low impedance microphone inputs
 Converts unbalanced line level (high impedance) instrument signals to balanced microphone input level for direct connection to a mixing desk.
 Eliminates hum.
 Long cable runs without HF loss
 Connect pin 2 and screening can to DI box ground

Features:
 High nickel content core for low distortion
 Electrostatic screens and mu-metal screening can for up to 30dB noise rejection

Operating temperature range: 0 to +70°C
 Storage temperature range: -25°C to +120°C

 Vigortronix	VIGORTRONIX LTD 16 De Havilland Way Windrush Park, Witney Oxon, OX29 0YG, UK Tel: +44 (0)1993 777570 Fax: +44 (0)1993 777580 www.vigortronix.com	RoHS COMPLIANT	DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
			Direct Box (D.I.) transformer page 1 of 2	1	23/10/24	CS		VTX-DB1
				2	02/04/25	CS		
			Scale: nts			All dimensions in mm unless stated otherwise		



vigortronix

VIGORTRONIX LTD
16 De Havilland Way
Windrush Park, Witney
Oxon, OX29 0YG, UK
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DESCRIPTION		ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Direct Box (D.I.) transformer page 2 of 2		1	23/10/24	CS		VTX-DB1
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