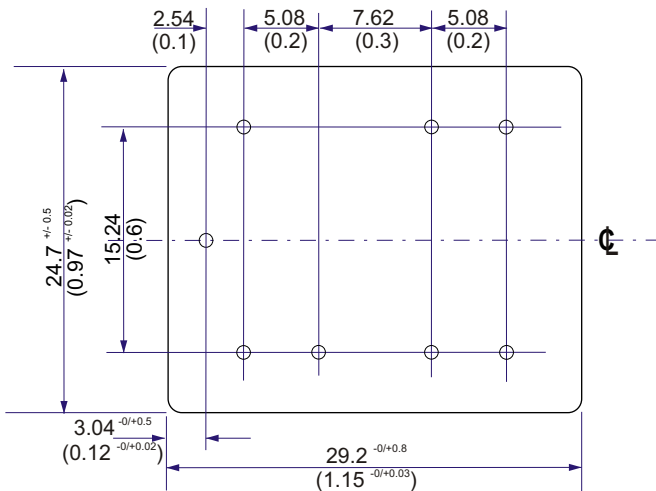
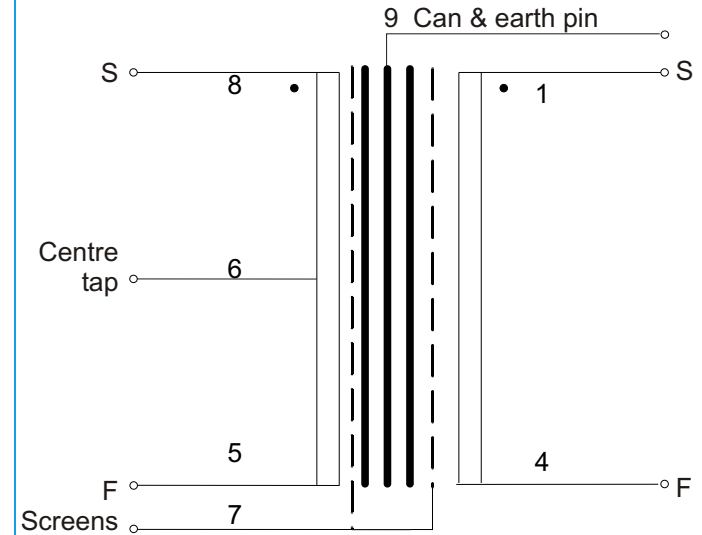
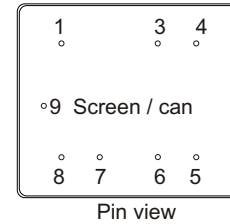
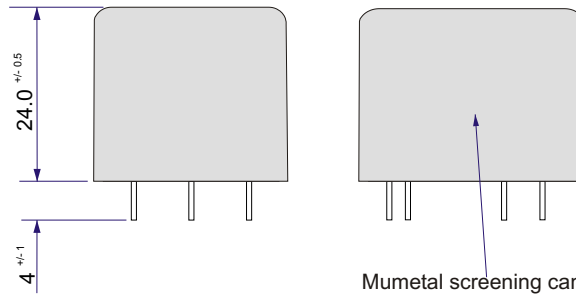


Date code
YY = year
WW = week



Tolerance on all dimensions in mm: +/- 0.1 unless stated otherwise.
Inches shown in brackets.
Tolerance on dimensions in inches: +/- 0.005" unless stated otherwise.
Pin diameter 0.7mm (0.0276)

Specification:

Turns ratio: 1 C.T. to 10
Impedance ratio: 150 ohms to 15k
DC resistance (ohms +/-15%)
Primary (8 - 5) : 20.2
Secondary (1 - 4): 1.59k

Primary inductance: see page 2

Leakage inductance (@ 1kHz, 0.1V, pins 5, 6, 8 S/C): 17mH (typ.)
Interwinding capacitance (@ 10kHz, 0.1V): winding to winding 130pF
(with screen earthed, winding to winding 17pF)
Primary to screen: 254pF
Secondary to screen: 260pF

Maximum input at 20Hz (8 - 5) <1% THD: -5dBu

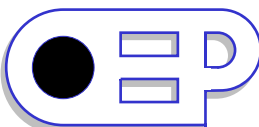
Voltage gain @ 1kHz, 150 ohms, -20dBu: 19.65dB (150k load)

Note: Do not pass DC through windings.

Features:

Low noise FET or vacuum tube input amplifiers
Over 19dB of voltage gain
Balanced primary windings
Multiple electrostatic screens
Encapsulated in a mu-metal screening can that provides up to 30dB of magnetic shielding

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



Unit 5, Oxonian Park, Langford Locks,
Kidlington, Oxfordshire. OX5 1FP
Tel: (01865) 855085 Fax: (01865) 855075
Website: www.carnhill.co.uk



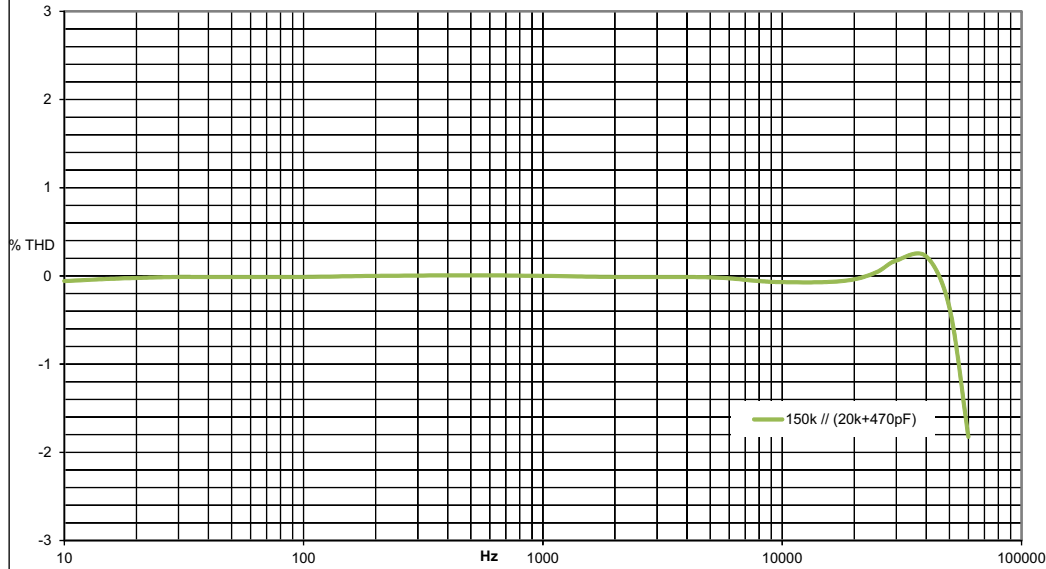
1 C.T. to 10 microphone input step up transformer
page 1 of 2

Scale: nts

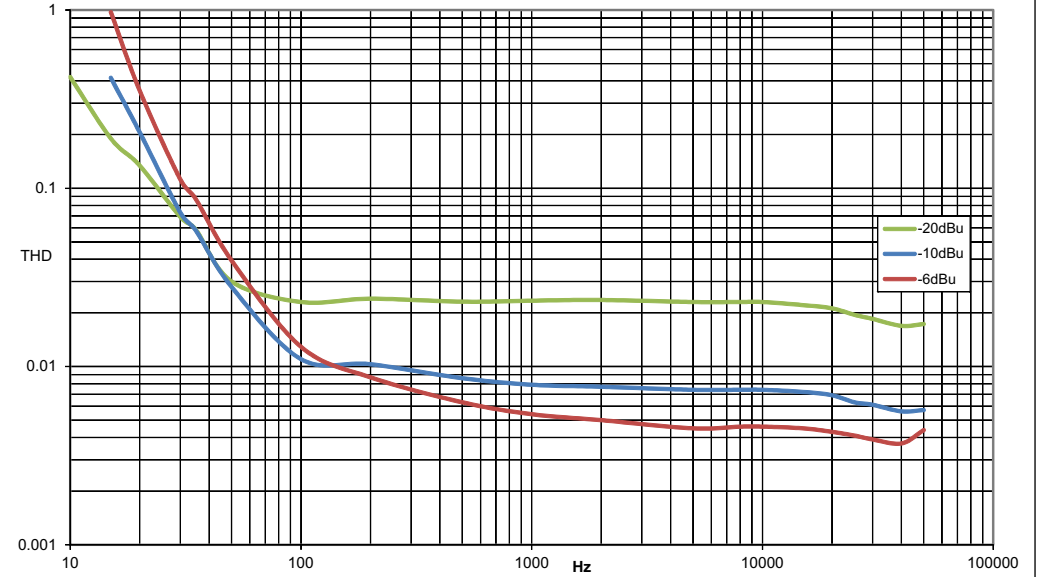
All dimensions in mm unless stated otherwise

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1 C.T. to 10 microphone input step up transformer page 1 of 2	1	25/07/16	CS		A187A15C
	2	21/07/22	CS		
	3	04/01/24	CS		

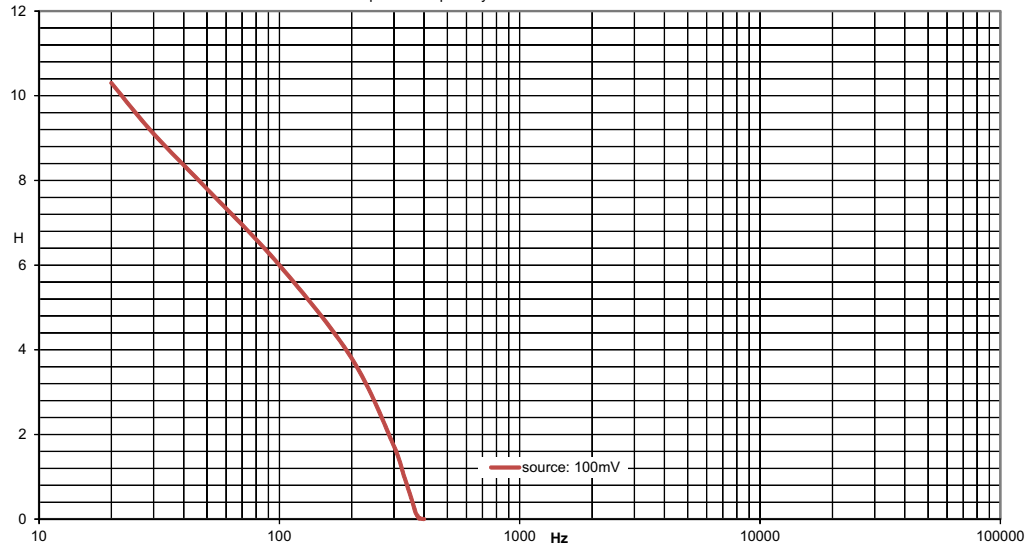
Frequency response, source: 150R, -20dBu



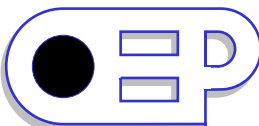
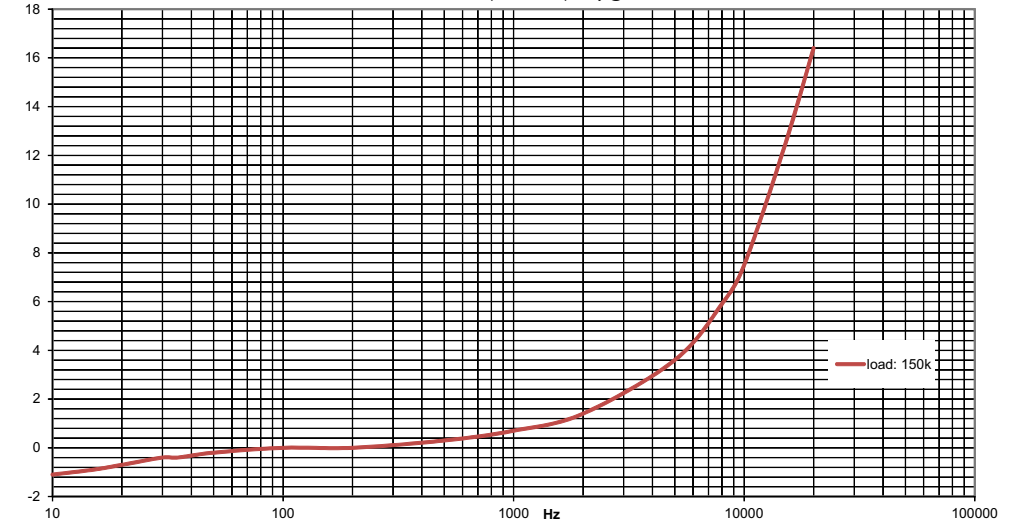
Distortion, load: 150k



Open circuit primary inductance



Deviation from linear phase v frequency @ -20dBu



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DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1 C.T. to 10 microphone input step up transformer page 2 of 2	1	25/07/16	CS		A187A15C
	2	21/07/22	CS		
	3	04/01/24	CS		
Scale: n/a	All dimensions in mm unless stated otherwise				