

Pin view (underneath)

Mass = 0.11kg
 Pin diameter = 0.80mm
 Tolerance on can dimensions: +/- 0.5mm

Specifications:

Ratio: 1+1 to 1+1
 Impedance: 150 (primaries in parallel), 600 (primaries in series)
 Voltage gain @ 1kHz, 0dBu:
 source 150 : +5dBu (wired 1 to 2)
 source 600 : -0.96dBu (wired 1 to 1)
 Max input @ 20Hz (1% max. THD): +0.5dBu, primaries in parallel
 :+6dBu primaries in series

Common mode rejection ratio: >60dB @ 10kHz
 Primary DC resistance (connected in series): 34.5 +/-15%
 Secondary DC resistance (connected in series): 40.5 +/-15%
 Leakage inductance (primaries in series) @ 1kHz, 1V: 690uH (typ.)
 Interwinding capacitance (10kHz-300kHz): 5pF max. (can & screens grounded)

Hi-Pot tests:

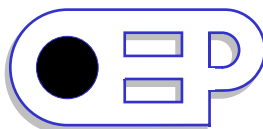
Primaries to secondaries: 500VAC for 2 seconds
 Windings to screens/core: 250VAC for 2 seconds

Fitted with multiple electrostatic screens
 Low distortion Mu-metal core
 Mu-metal screening can reduces electrical noise by up to 30dB

Applications:

Microphone input
 Input signal +6dBu max (20Hz)
 +12dBu max (30Hz)
 Provides galvanic isolation
 DAC output
 Ground loop isolation

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

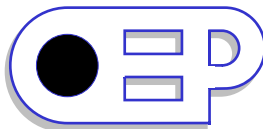
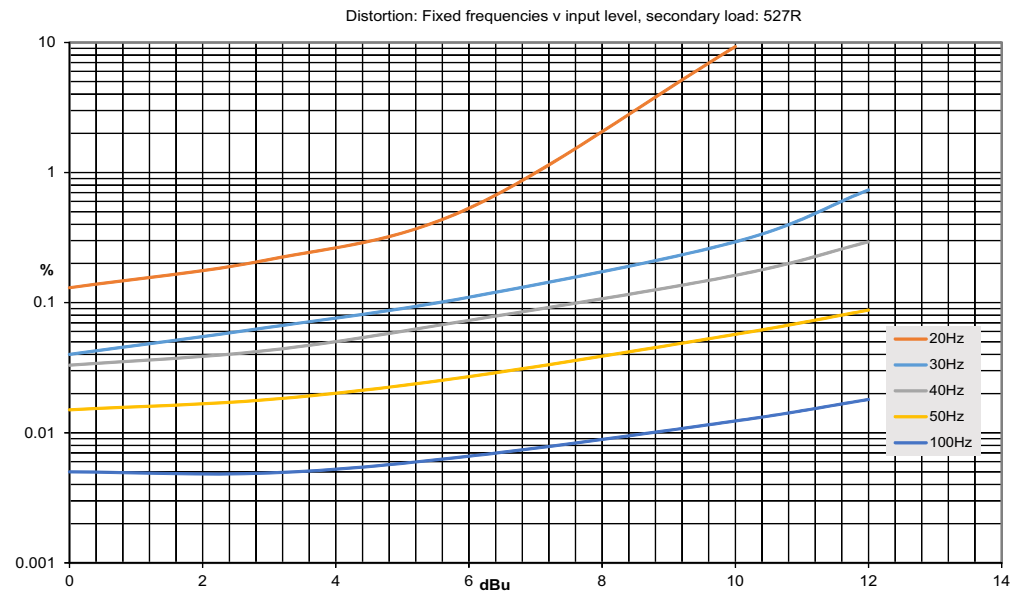
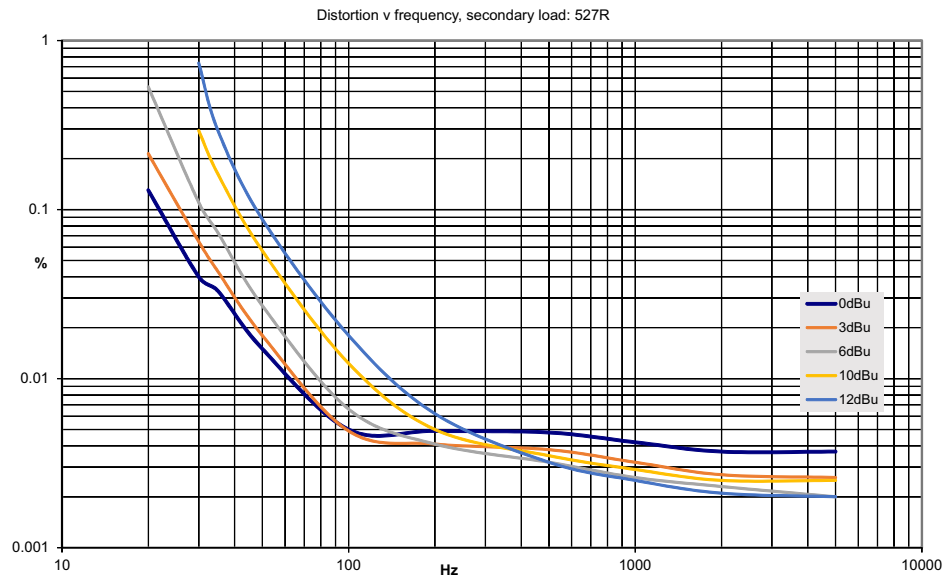
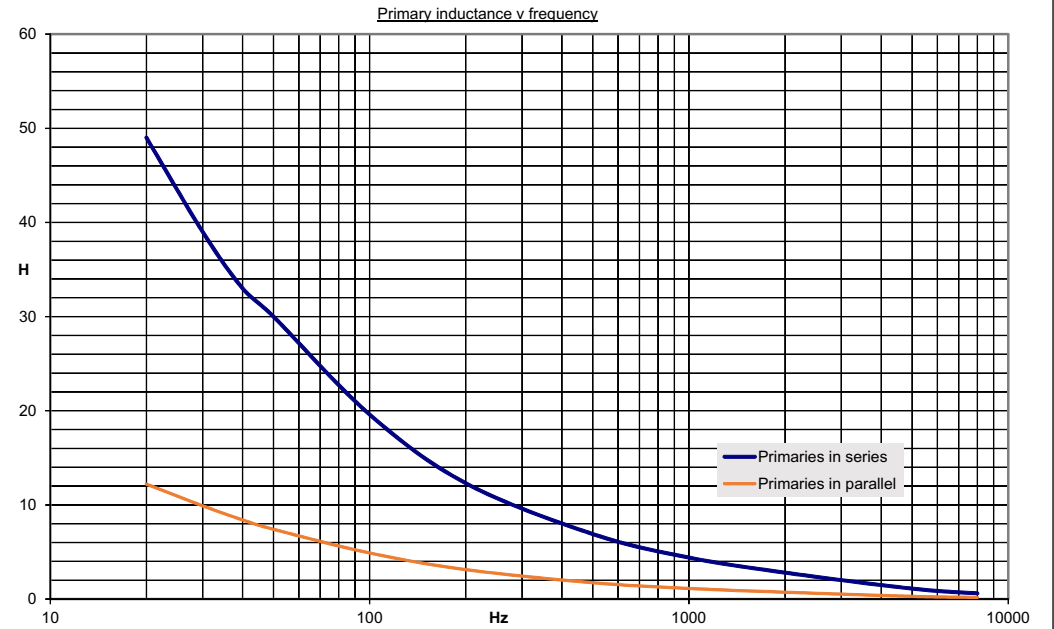
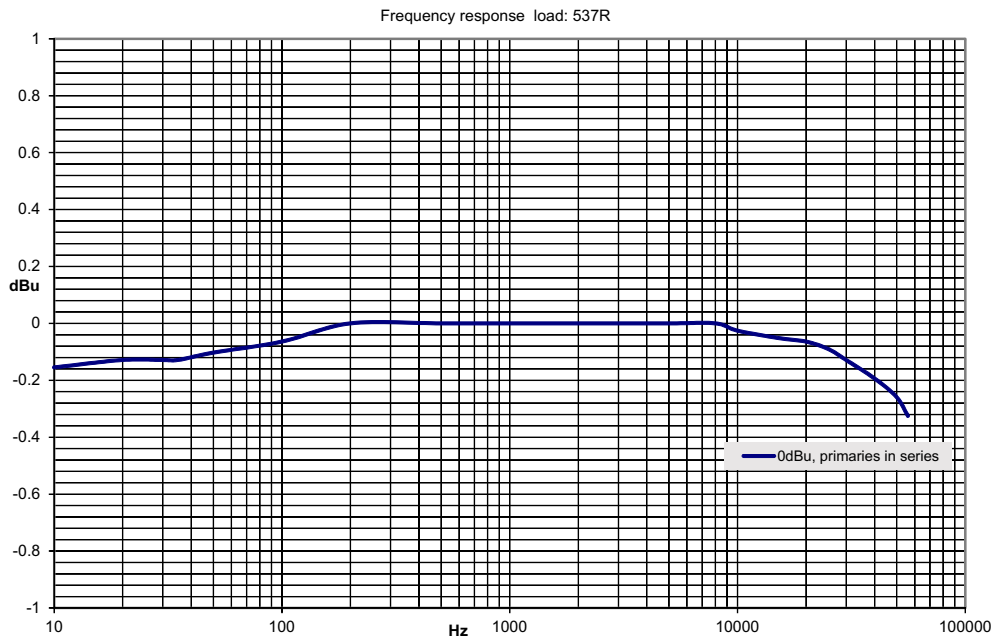


Scale: nts

DESCRIPTION
 Specification for J30A03C
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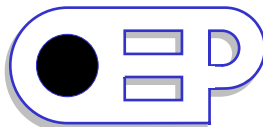
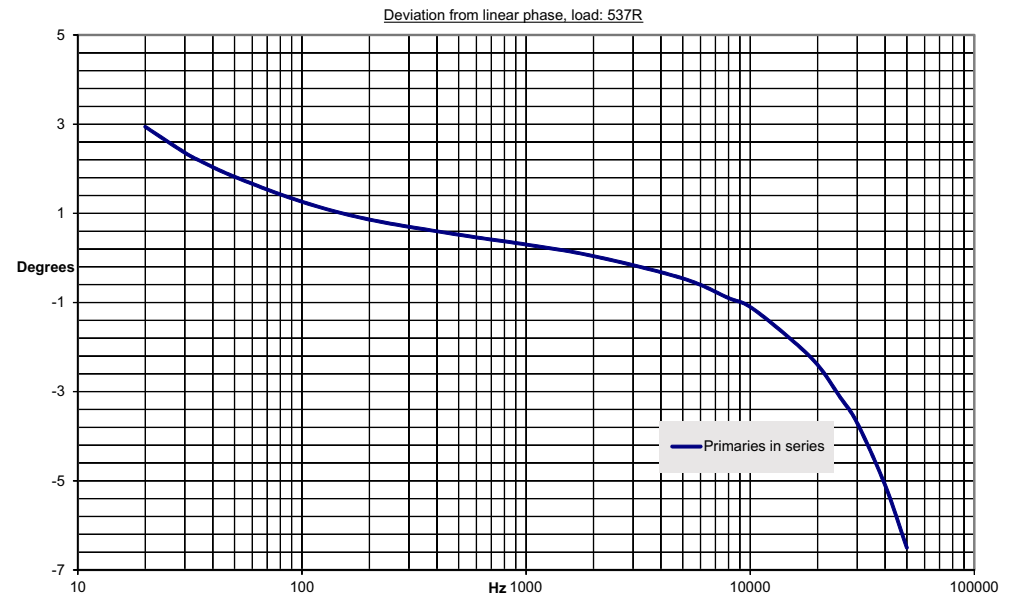
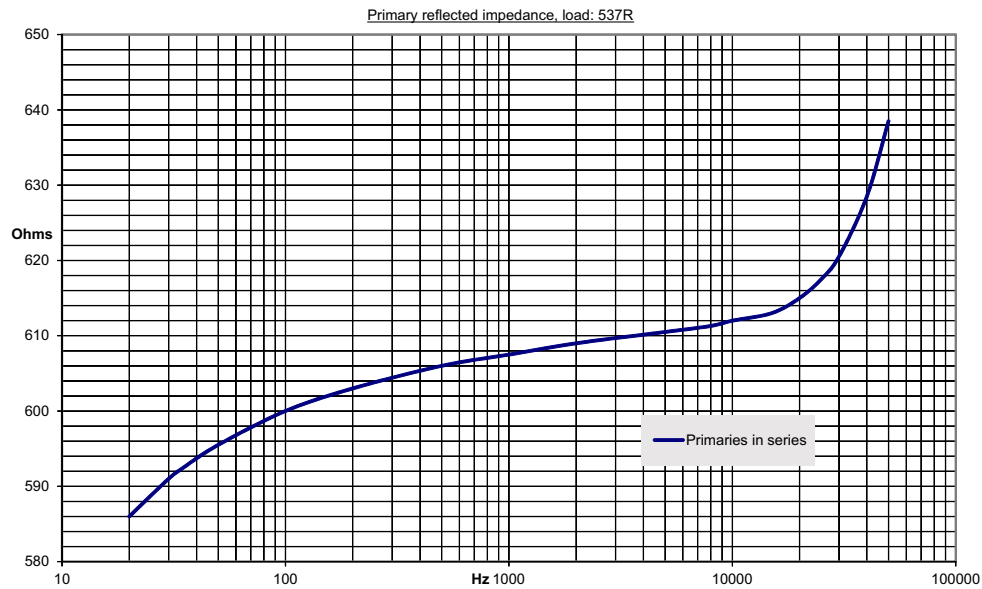
All dimensions in mm unless stated otherwise

ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1	10/06/10	CS		J30A03C
8	03/07/23	CS		
9	17/07/23	CS		
10	11/01/24	CS		



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