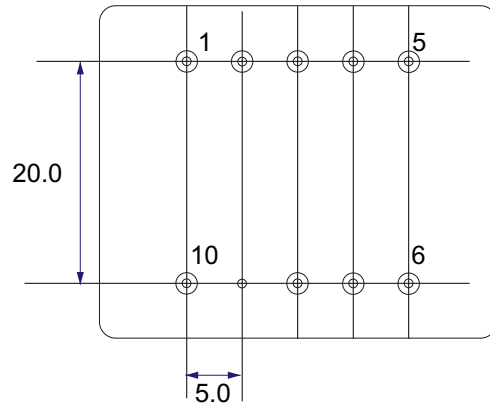
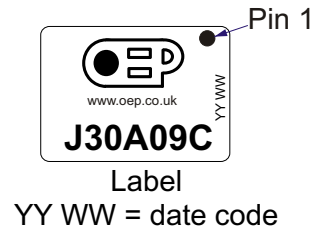
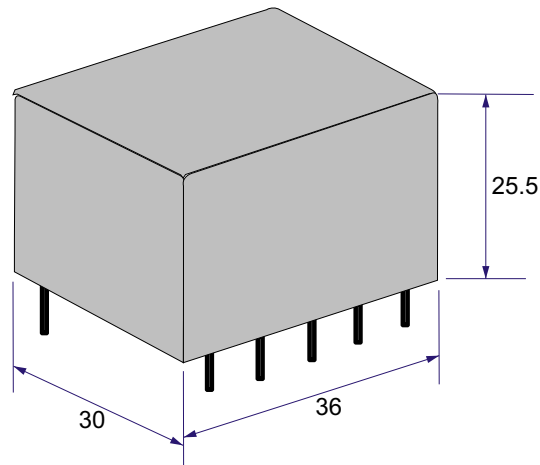




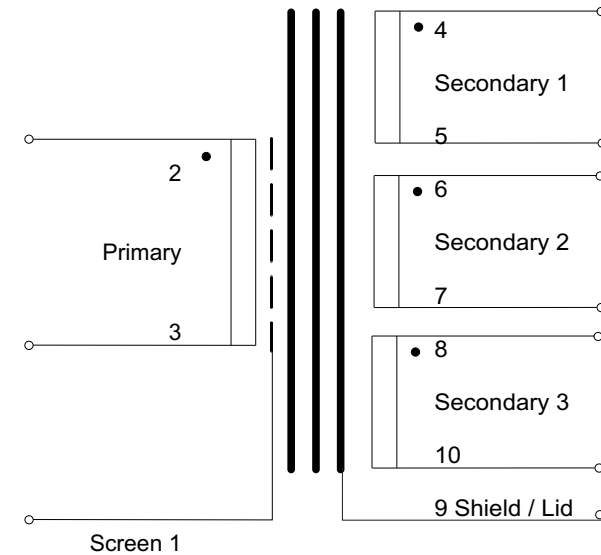
Pin view (underneath)

Mass = 0.11kg
Pin diameter = 0.80mm
Tolerance on can dimensions: +/- 0.3mm

Electrical specification:

Ratio:1:1:1:1
Source impedance (each winding): 600
Frequency range @ 0dBm: 10Hz - 50kHz: +/-0.44dB
50Hz - 50kHz: +/-0.12dB
THD @ 50Hz: 0.01% (0dBm)
Common mode rejection ratio: >60dB @ 10kHz
Primary DC resistance: 83 +/- 15%
Secondary DC resistance (per winding): 89 +/- 15%
Nominal inductance: 4H @ 1kHz, 0.10V
Leakage inductance (Secondaries S/C) @ 1kHz, 0.1V: 675uH
Interwinding capacitance (primary to secondaries) @ 20kHz: 140pF

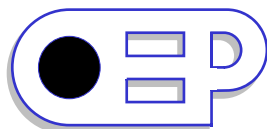
Operating temperature range: -20°C to +70°C
Fitted with electrostatic screen and stray flux copper band
Mu-metal screening can reduces electrical noise by up to 30dB



Applications:

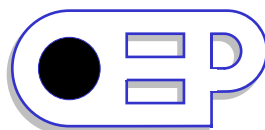
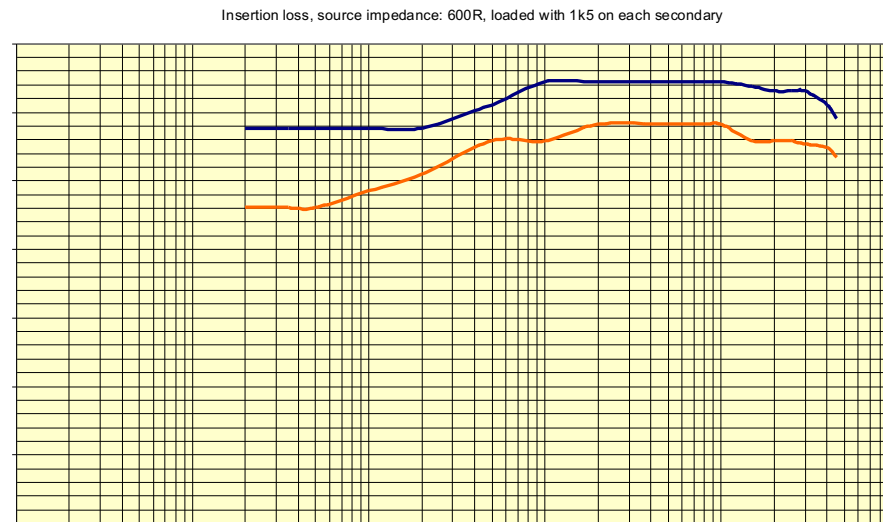
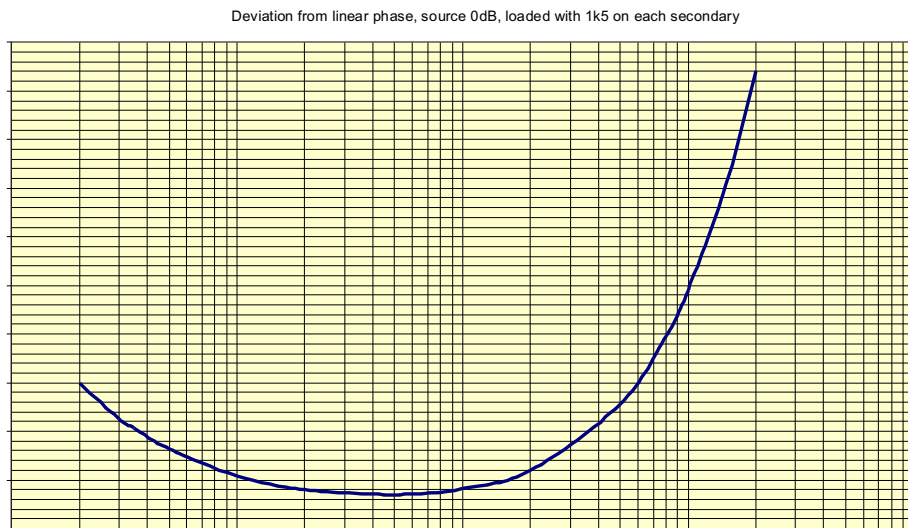
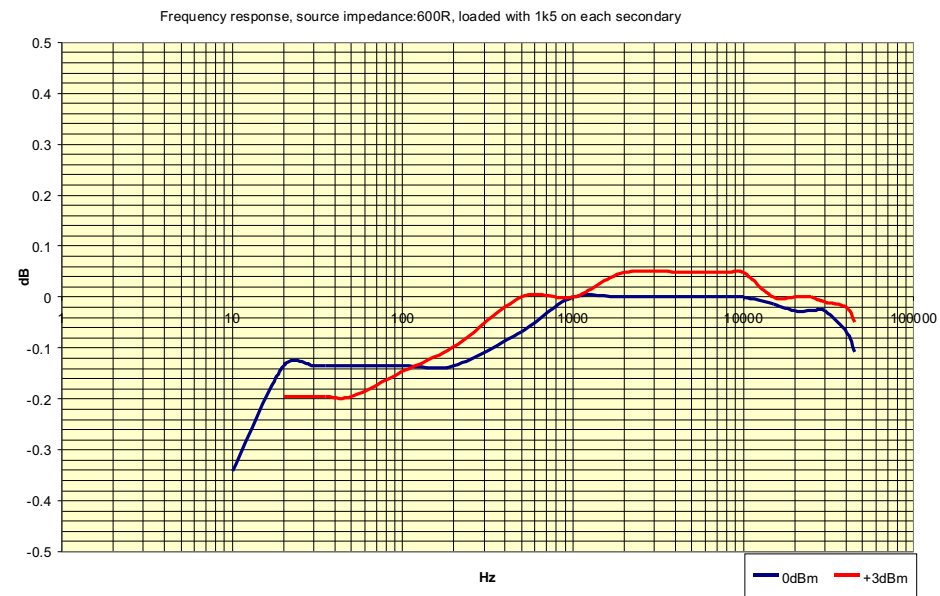
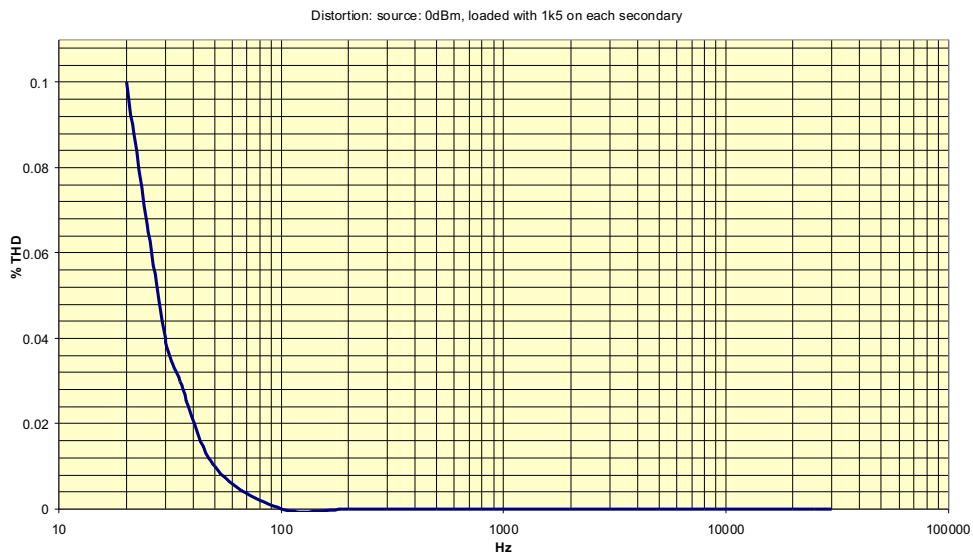
Microphone input
Max. input signal +22dBu
Construction: 4 section winding for improved de-coupling
Provides galvanic isolation

Ground loop isolation
Mu-metal core for low distortion



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

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Specification for J30A09C	1	17/12/10	CS		J30A09C
	2	27/02/12	CS		
	3	12/08/13	CS		
	4	02/02/15	CS		
Scale: nts	All dimensions in mm unless stated otherwise				



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

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Specification for J30A09C	1	17/12/10	CS		J30A09C
	2	27/02/12	CS		
	3	12/08/13	CS		
	4	02/02/15	CS		
Scale: nts	All dimensions in mm unless stated otherwise				