

Pin view (underneath)

**Electrical specification:**

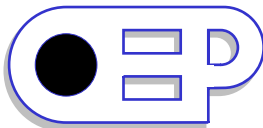
Ratio:1:1:1:1  
Source impedance (windings in series): 600  
Frequency range @ 0dBm: 10Hz - 50kHz: +/-0.44dB  
50Hz - 50kHz: +/-0.12dB  
THD @ 50Hz: 0.01% (0dBm)  
Common mode rejection ratio: >60dB @ 10kHz  
Primary DC resistance: 83 +/- 15%  
Secondary DC resistance (per winding): 89 +/- 15%  
Nominal 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

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



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DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Specification for J30A09C	1	17/12/10	CS		<b>J30A09C</b>
	2	27/02/12	CS		
Scale: nts					
All dimensions in mm unless stated otherwise					