

Pin view (underneath)

Mass = 0.045kg  
Pin diameter = 0.80mm  
Tolerance on can dimensions: +/- 0.3mm

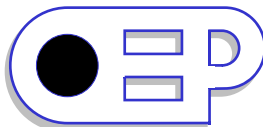
**Electrical specification:**

Ratio: 1+1 to 1+1  
Source impedance (windings in series): 600  
Frequency range @ 0dBm: 10Hz - 30kHz: 0.5dB  
THD @ 50Hz: >0.1% (0dBm)  
Common mode rejection ratio: >60dB @ 10kHz  
Primary DC resistance (connected in series): 36.4 +/- 15%  
Secondary DC resistance (connected in series): 44.4 +/- 15%  
Nominal inductance: 500mH @ 1kHz, 0.10V  
Leakage inductance (primaries in series) @ 1kHz, 0.1V: 1.9mH  
Interwinding capacitance (windings in series) @ 10kHz: 100pF

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  
RoHS compliant

**Applications:**

General purpose transformer for microphone or line input  
Provides galvanic isolation  
Phono stage input  
Ground loop isolation



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DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Specification for Z30A18C	1	10/06/10	CS		<b>Z30A18C</b>
	2	01/07/10	CS		
	3	19/12/14	CS		
Scale: nts	All dimensions in mm unless stated otherwise				