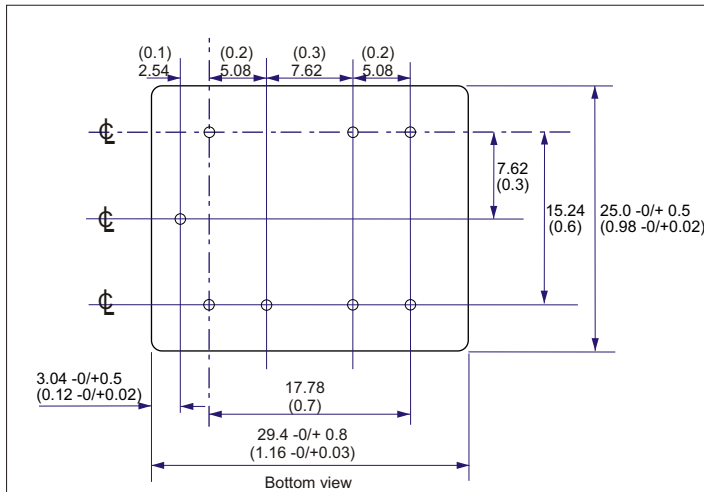
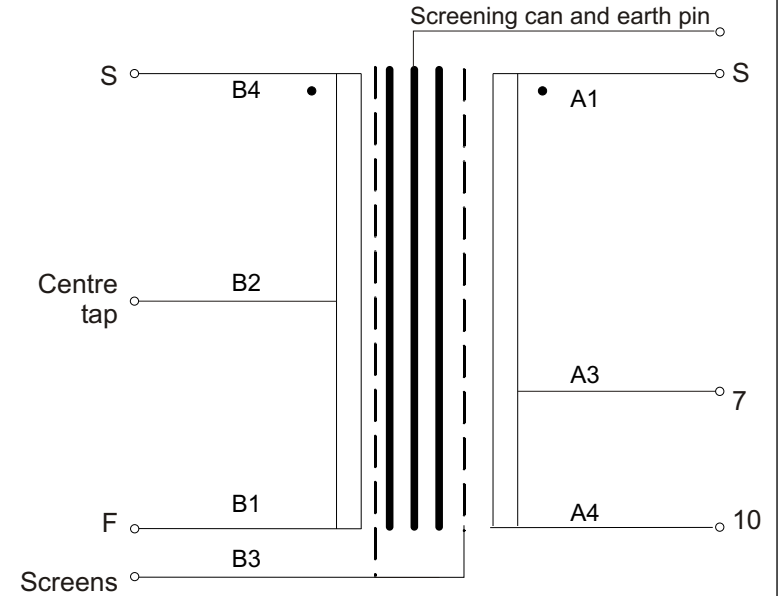
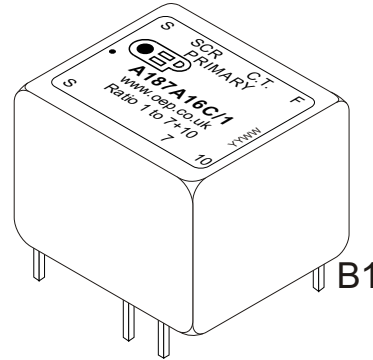


Enclosure: Mu-metal screening can.



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

Application:

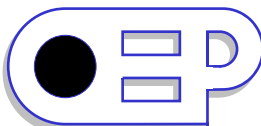
Matching low impedance moving coil phono cartridges to transistor or valve pre-amps

Specification:

- Turns ratio: 1C.T. to 7+10
- Primary impedance range: 3 - 100
- DC resistance (+/- 15%)
- Primary (B4 - B1) : 19
- Secondary (A1 - A4): 647
- Inductance (B4 - B1) @ 1kHz, 0.1V: 640mH (typical)
- Leakage inductance (B4 - B1) @ 1kHz, 0.1V: 430uH (typical)
- Interwinding capacitance @ 20kHz, 0.1V: 35pF (screens earthed)
- Frequency response: 10Hz - 30kHz +/- 0.5dB
- Maximum input voltage @ 20Hz: -16dBu for <1%THD (47k load)

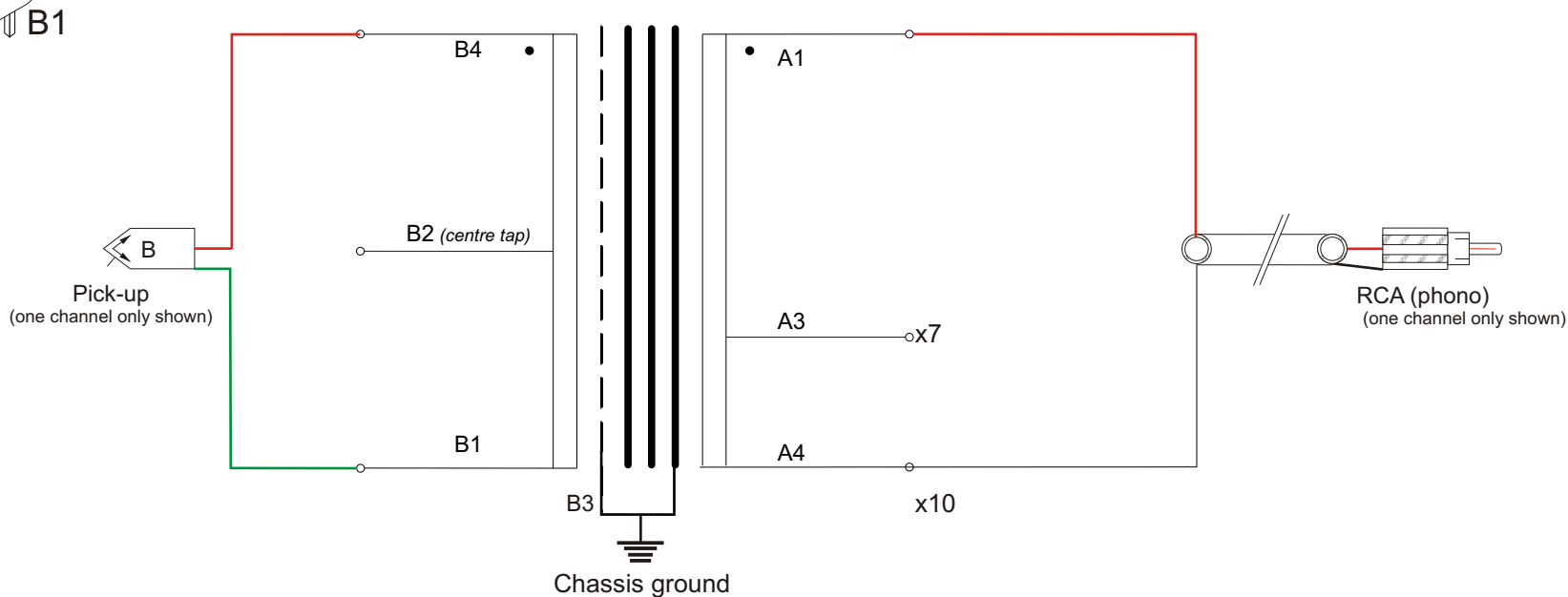
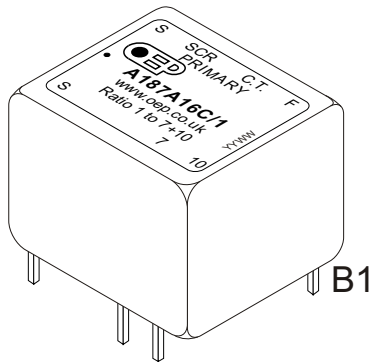
Core selected for low harmonic distortion
Multi-layered winding for improved coupling / reduced leakage inductance

Transformer shielded with mu-metal can.
N.B. Do not pass DC through windings.

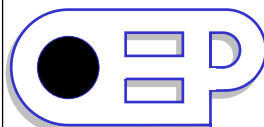


Unit 5, Oxonian Park, Langford Locks,
Kidlington, Oxfordshire. OX5 1FP
Tel: (01865) 855085 Fax: (01865) 855075
Website: www.oep.co.uk

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1C.T. to 7+10 moving coil phono cartridge step up transformer (PCB mounting)	1	05/02/13	CS		A187A16C/1
	4	09/03/17	CS		
	5	21/03/17	CS		
	6	22/03/17	CS		
Scale: nts	All dimensions in mm unless stated otherwise				

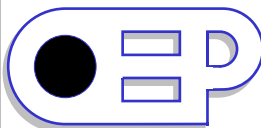
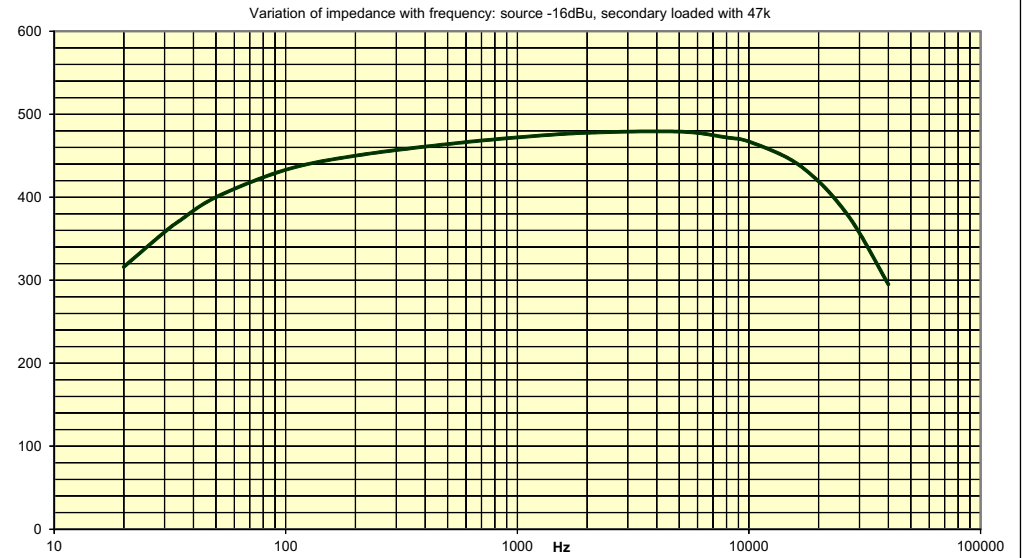
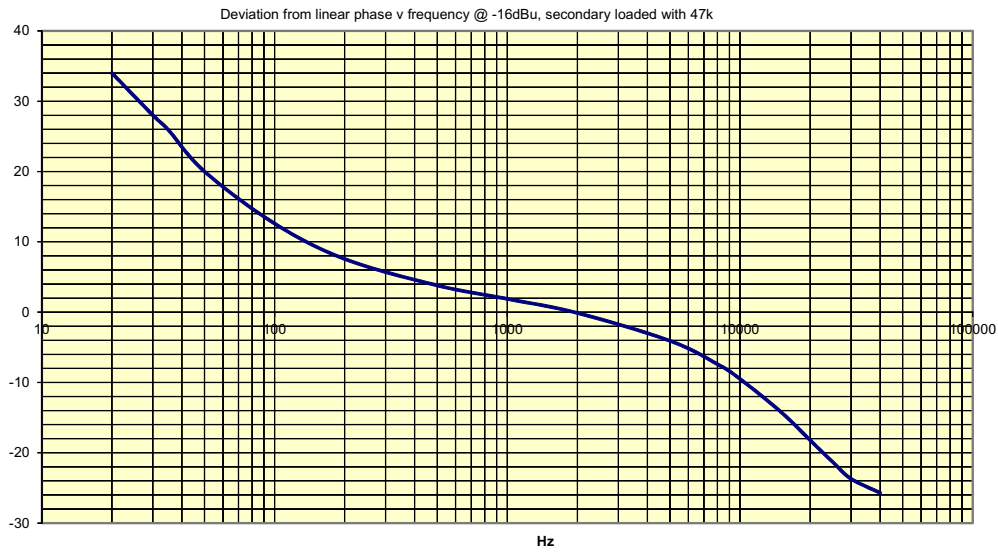
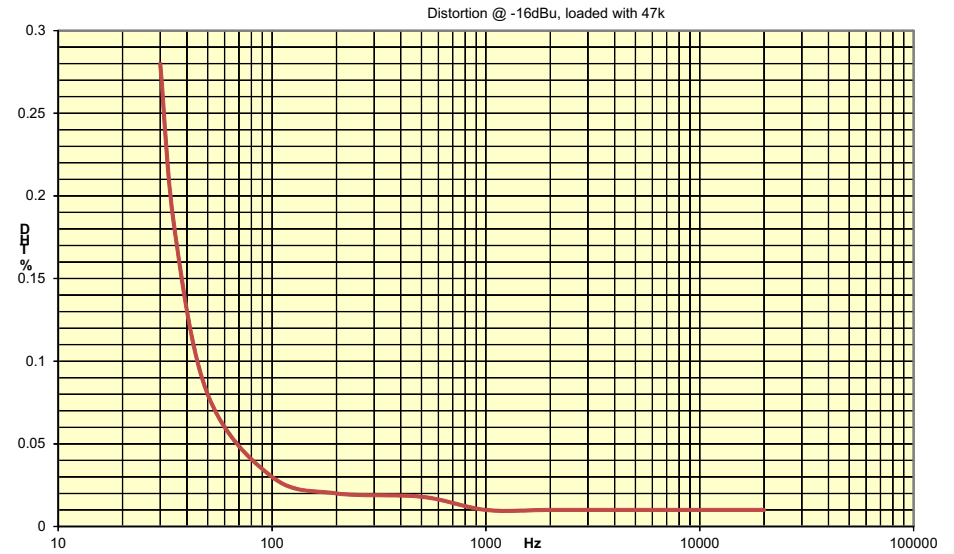
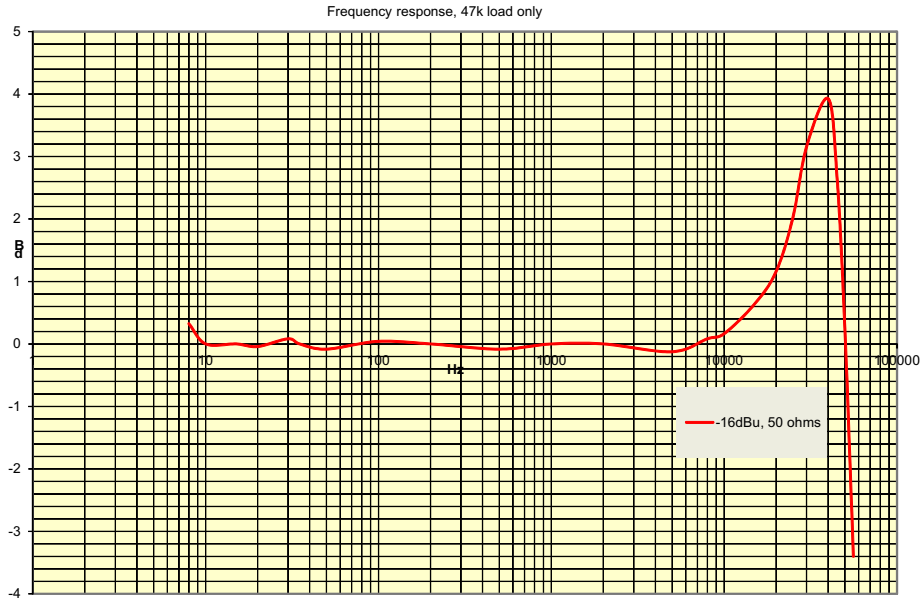


Notes:
 Ground screen (B3) and screening can.
 Do not connect input and outputs to chassis ground
 Unused pins should be left floating with minimal pad size for best performance.
 All leads should be as short as possible.
 Pick-up leads should be twisted tightly.
 Two transformers are required for stereo
 Lead colours should be checked with cartridge manufacturer



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