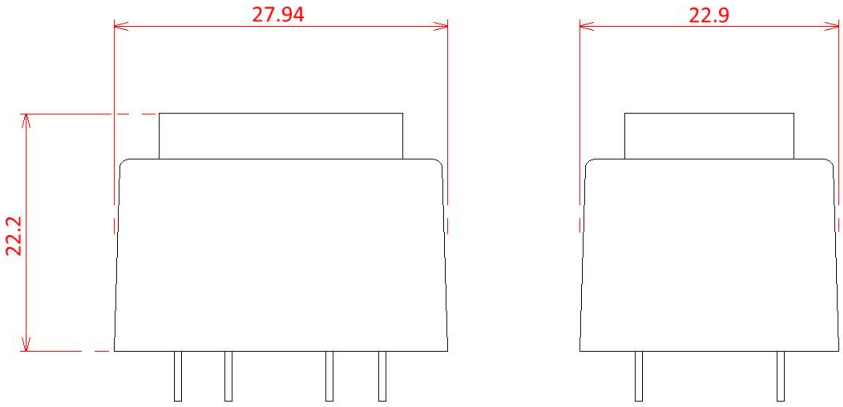
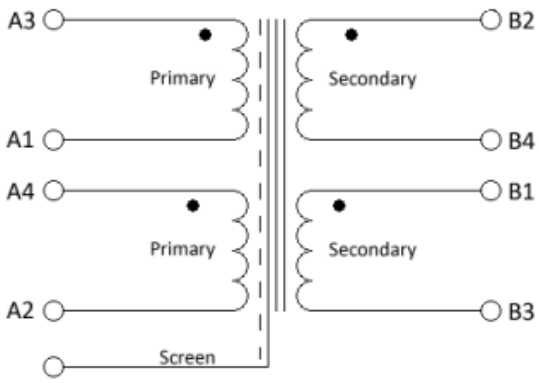
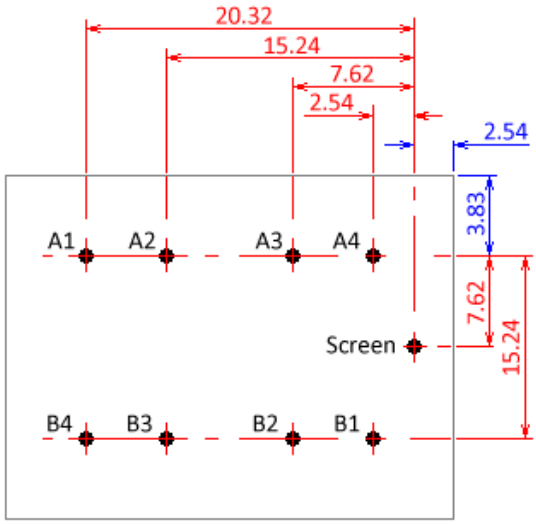
23-053 OEP A262A3E TRANSFORMER Analogue audio, PCB, general purpose



Schematic & Pin Layout





Mechanical Specifications

Turns ratio	1+1 : 6.45+6.45
Dimensions (L x W x H)	27.94 x 22.9 x 22.2
Pin diameter	0.7mm

Electrical Characteristics

Impedance	150Ω	Primary parallel connected
	600Ω	Primary series connected
	6.25kΩ	Secondary parallel connected
	25kΩ	Secondary series connected
DC Resistance (+/- 15%)	20.6Ω	Primaries total
	1143Ω	Secondaries total
Inductance (1kHz, 0.27V)	125mH	Primaries min. per winding
	5.2H	Secondaries min. per winding
Frequency Range	30Hz – 25kHz	+/- 1.5dB
Power	100mW	@ 300Hz
	1mW	@ 30Hz
Proof Voltage	1kV DC	
Operating Temperature	0 °C to + 70°C	
Storage Temperature	-25 °C to +120°C	

Note: **Do not pass DC though windings**

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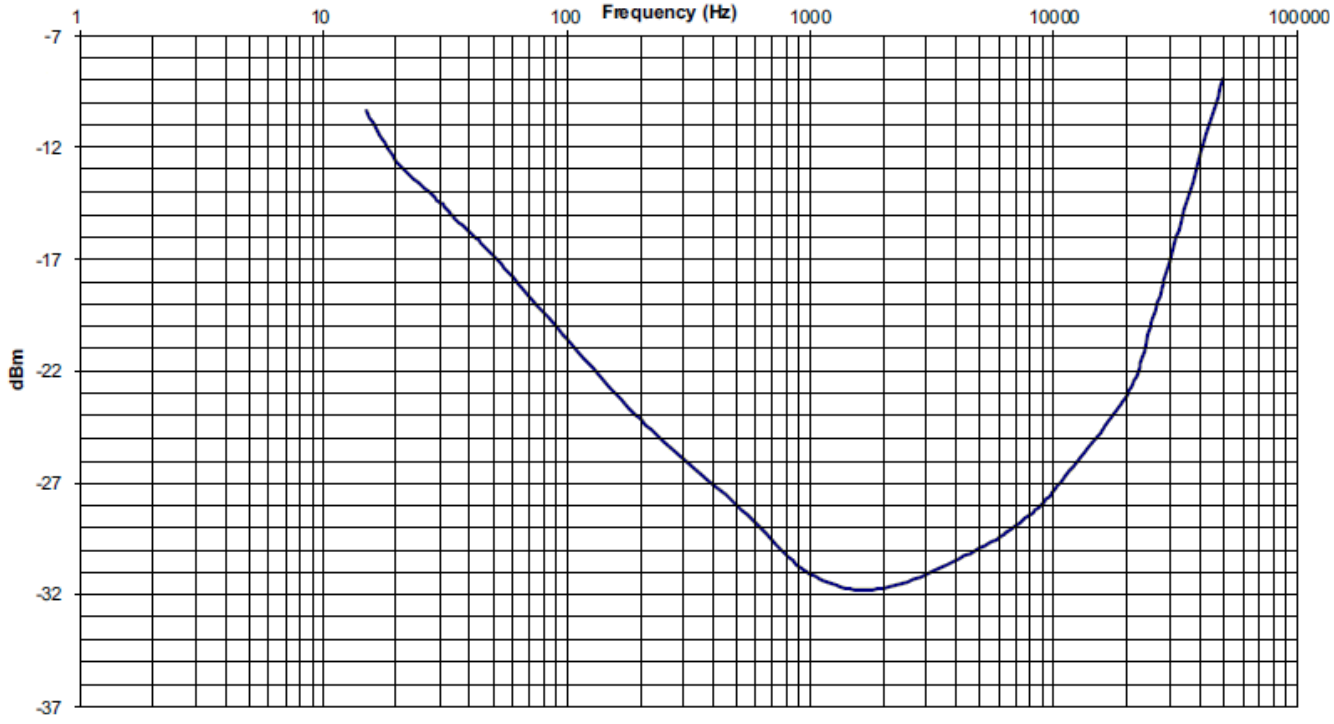
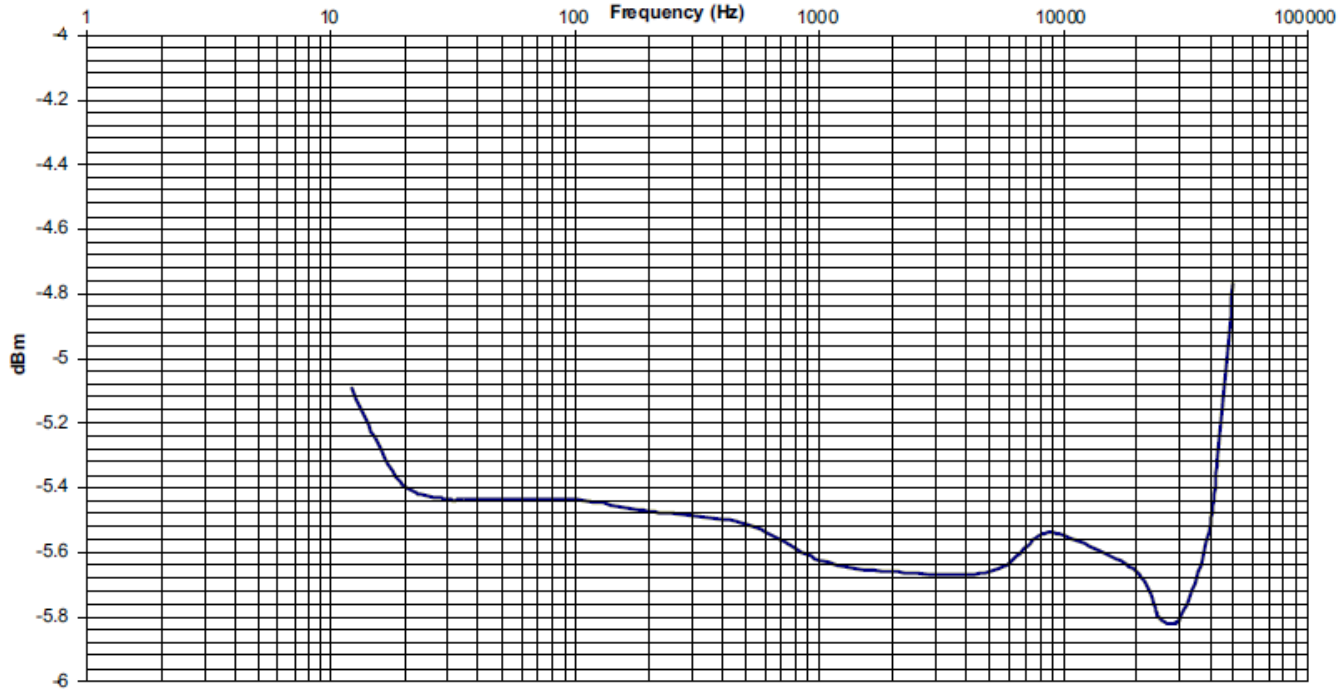
Materials	(all materials UL94V-0 rated)	
Bobbin and box material:	FR530	UL file no. E69578(M) or 'Polyplastics Co. Ltd
Material name:	1140 A(C)	UL file no. E109088(M)
	2-part epoxy resin type 3300A & 3300B	UL file no. 218090
	or Epoxylite EIP4728	UL file no. E143115
Core:	class B (49% Ni) EE laminations	
Winding wire:	ECW.	UL file no. E174837
Tape:	3M No. 56 polyester or equivalent	

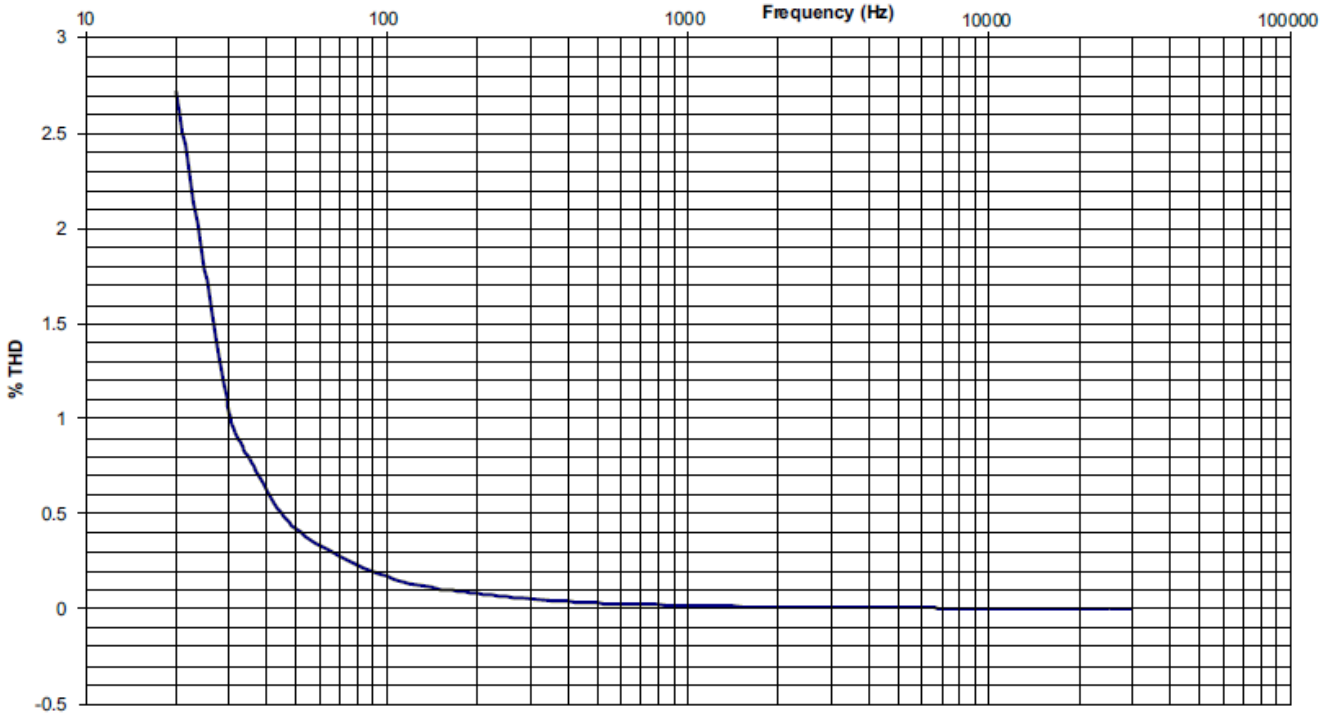
Return Loss: primaries in series, source impedance 600R, level -4dBm, secondaries in parallel & loaded with 600R



Insertion Loss: source impedance 600R, level 0dBm, secondaries in parallel & loaded with 600R



Distortion: primaries in series, source impedance 600R, level 0dBm, secondaries in parallel & loaded with 600R



Frequency Response: primaries in series, source impedance 600R, level 0dBm, secondaries in parallel & loaded with 600R