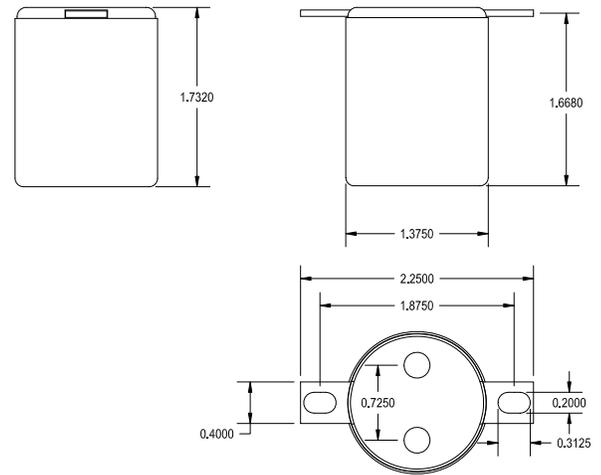


1140-LN-C

LINE INPUT TRANSFORMER
4:1 TURNS RATIO WITH SPLIT SECONDARY

This transformer is designed for input levels and has a high input impedance along with a wide bandwidth and low distortion. This transformer can be used for balanced bridging input stages.

It also has excellent shielding from the mu metal can.



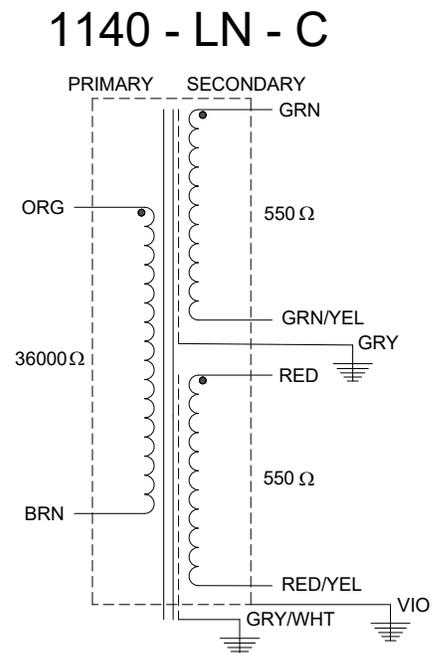
ELECTRICAL SPECIFICATIONS

Characteristic	Conditions	Typical
Input Impedance		36000 Ω
Output Impedance		2200 Ω
Primary Input Impedance	@ 1kHz +4dbu Test Circuit 3	38.5KΩ
Secondary Output Impedance	@ 1kHz +4dbu Test Circuit 4	110Ω
Maximum input Level	@ 20Hz	+26.0db
DCR		
Primary	@20°C	820 Ω
Secondary	@20°C	27/27Ω
Frequency Response	@ 20 Hz, +4 dbu, Test Circuit 3	-0.02db
	@ 20 kHz, +4 dbu, Test Circuit 3	+0.08db
Turns ratio		4.073:1
Common Mode Rejection Level	@ 60 Hz Test Circuit 2	80db
	3kHz Test Circuit 2	70db
THD	@ 1kHz +4 dbu Test Circuit 1	0.001%
	@ 20Hz +4 dbu Test Circuit 1	0.007%
Phase Shift	@ 20 Hz Test Circuit 1	0.25°
	@ 20 kHz Test Circuit 1	-10.0°
Capacitance	Primary to Shield and Case	900pf
	Secondary to Shield and Case	725pf
Dielectric Strength		500 Vrms



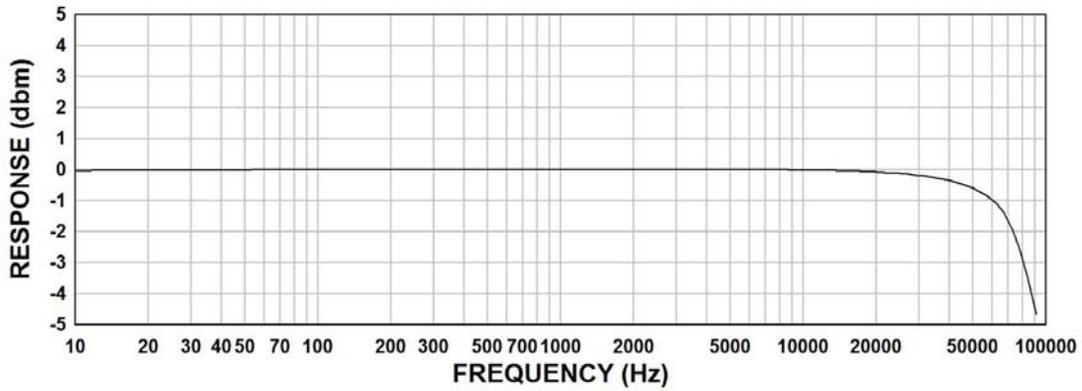
1140-LN-C

PRI:BRN - ORG: 36000 Ω GRY: SHIELD
 SEC:GRN - RED/YEL: 2200 Ω GRY/WHT: SHIELD
 SEC:GRN - GRN/YEL: 550 Ω
 SEC:RED - RED/YEL: 550 Ω
 CAN GROUND: VIO
 MADE IN CANADA DATE



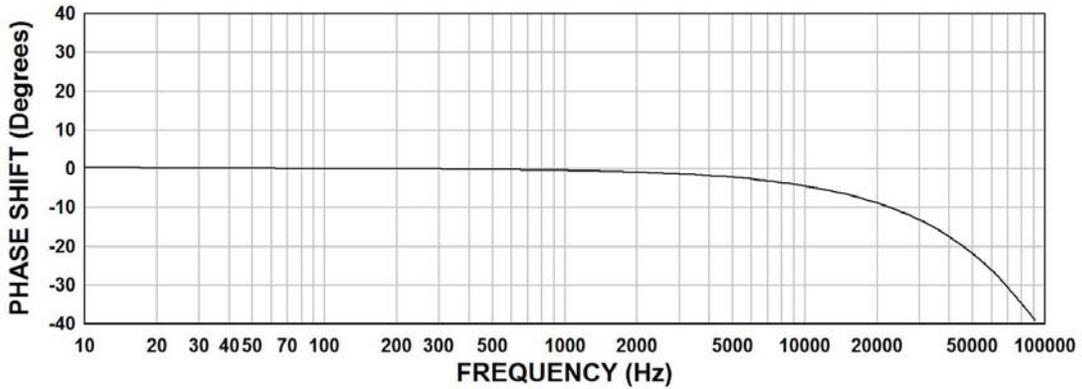
1140-LN-C FREQUENCY RESPONSE

Input Level +4dbu
Rs = 50Ω, RL = 2200Ω



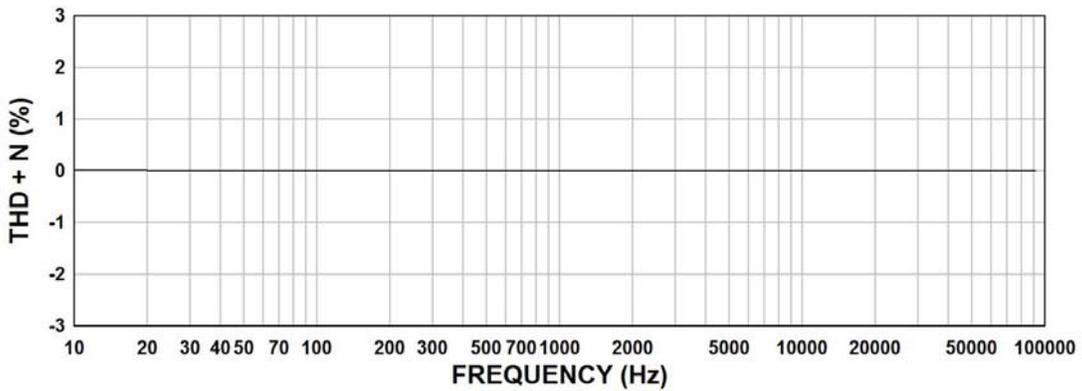
1140-LN-C PHASE SHIFT

Input Level +4dbu
Rs = 50Ω, RL = 2200Ω

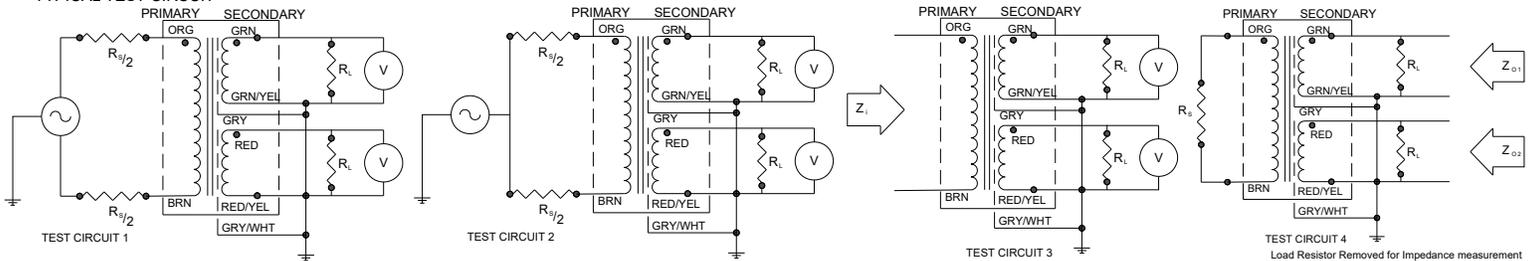


1140-LN-C THD + N

Input Level +4dbu
Rs = 50Ω, RL = 2200Ω



TYPICAL TEST CIRCUIT



Measurement instruments: Hp4192a Impedance Analyzer; Hp3456a DVM; Keithley 2002 DVM; D scope series iii audio analyzer

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