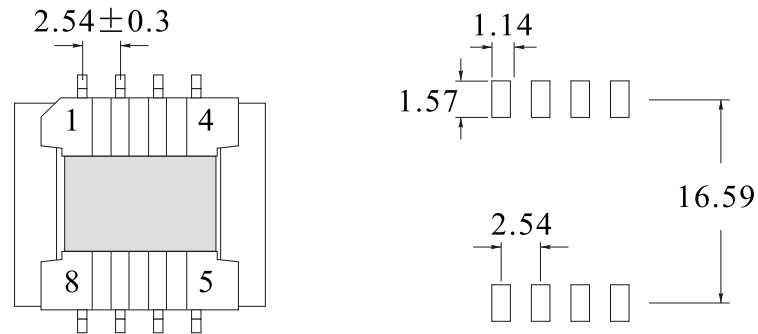
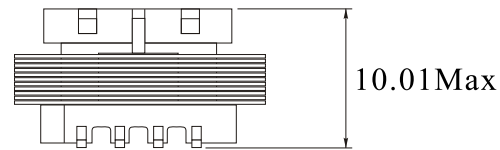
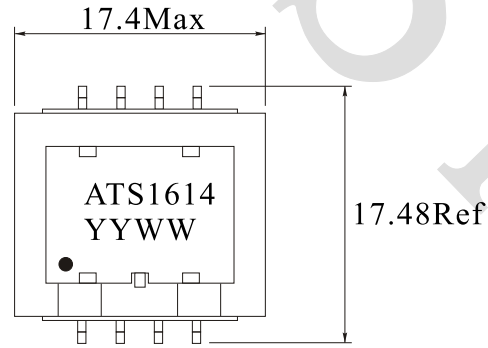
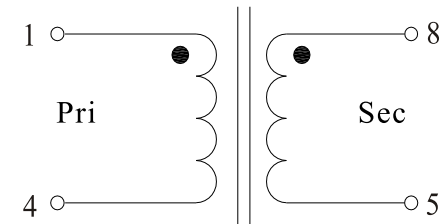


Rev.	Description	Date
A0	New release	2020.09.17

1. PHYSICAL CHARACTERISTICS (mm)



2. ELECTRONICAL SCHEMATIC



3. ELECTRONICAL SPECIFICATIONS

Impedance: Designed to reflect 600 Ω on Pri with 392 Ω load on Sec

Longitudinal balance:

60dB min@200-1000Hz, 40dB min@1000-4000Hz, per FCC part 68.

58dB min@200-1000Hz, 53dB min@1000-3000Hz, per IEEE-455 1985.

DCR: Pri: 100 Ω ± 10%, Sec: 122 Ω ± 10%

Frequency response: ± 0.2dB@300-3500Hz

Insertion loss: 2.0dB ± 0.5dB@1KHz, 0dB

Dielectric rating: 1500Vac, 1min tested by applying
1250Vac, 1sec between Pri to Sec

Return loss: 25dB min@300-3500Hz

Turns ratio: Pri:Sec=1:1 ± 2%

Total harmonic distortion:

Line to Receive: -82dB max, 600Hz, -10dBm input

Transmit to Line: -67.5dB typ. 150Hz, -3dBm output

NAME:	Audio transformer		
CUSTOMER P/N:	671-8422-R	DATE:	2020-09-17
SHINHOM P/N:	ATS1614	REV: A0	PAGE
DRAWN BY	CHECKED BY	APPROVE BY	



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