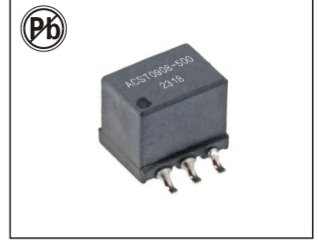


PCB MOUNT CURRENT SENSE TRANSFORMERS

ACST0908 SERIES



FEATURES:

- RoHS compliant
- Primary current rating 15A
- 50, 100 and 200 turn variants
- Frequency range 50kHz to 500kHz
- Surface mount
- Compact package
- UL94 V-0 package materials

APPLICATIONS:

- Aircraft equipment
- Aerospace equipment
- Undersea equipment
- Power plant control equipment
- Medical equipment
- Transportation equipment (automobiles, trains, ships, etc.)
- Traffic signal equipment
- Disaster prevention / crime prevention equipment
- Data Processing equipment

ELECTRICAL CHARACTERISTICS: @25°C

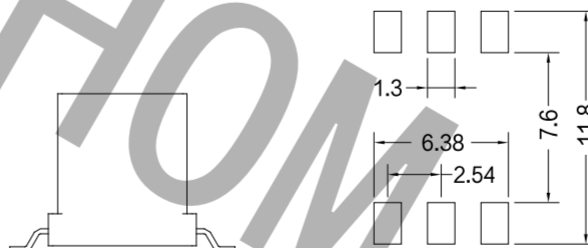
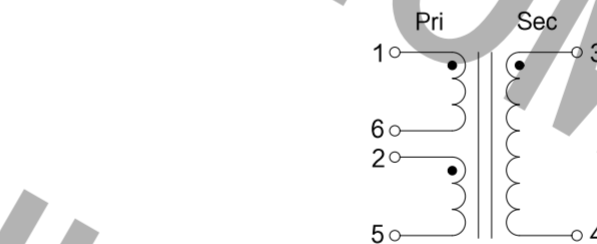
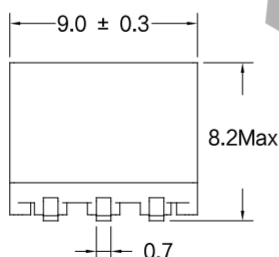
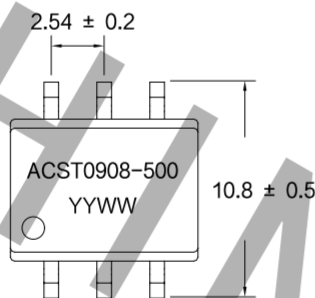
Part Number	Turns ratio	Sec. Inductance (mH) Min 10KHz, 0.1V	DCR Max		Isolation voltage(kV) Pri to Sec	Terminating Resistance to produce 1Vout/1Ain(Ω)
			Pri(mΩ)	Sec(Ω)		
ACST0908-500	1:1:50	3.8	7.0	0.5	1.2	50
ACST0908-101	1:1:100	14.8	7.0	3.2	1.2	100
ACST0908-201	1:1:200	60.0	7.0	6.6	1.2	200

NOTE:

1. All specifications typical at TA=25 °C
2. Flash tested for 1 second.
3. Primary windings connected in parallel.
4. The ACST0908 series of current sense transformers are designed to monitor AC currents. The transformers can be used for high frequency current sensing in applications such as switched-mode power supplies, motor control, and electronic lighting ballasts.
5. Operating free air temperature range: -40 °C to 150 °C
6. Storage temperature range -40 °C to 125 °C

PHYSICAL CHARACTERISTICS & WINDING

Dimension: mm



SUGGESTED LAND PATTERN