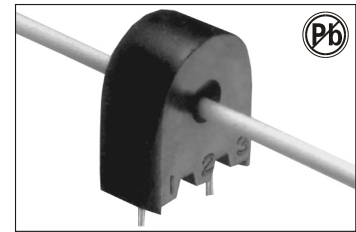


HIGH FREQUENCY CURRENT SENSING TRANSFORMER

ACST SETRIES



FEATURES:

- Meets UL94-V0 Requirements
- Precise Current Sensing

OPTIONS:

- Bulk Packaging is Standard
- Custom Design Available
- Thru Hole Available

COMMON APPLICATIONS:

- SMPS Control Circuits
- Current Sensing
- Switching power regulators
- Pulse current test

STANDARD SPECIFICATIONS @250C

Part Number	SCHEMATIC	TURNS ($\pm 1\%$ Max)	OCL (mH Min)	DCR (Ω Max)	ET (V- μ SEC-Min)
ACST-001	2A	50	5.0	0.7	150
ACST-002	2A	100	20.0	1.40	300
ACST-003	2A	200	80.0	4.50	600
ACST-004	2A	300	180.0	11.0	900
ACST-005	2B	50CT	5.0	0.7	150
ACST-006	2B	100CT	20.0	1.40	300
ACST-007	2B	200CT	80.0	4.50	600
ACST-008	2B	300CT	180.0	11.0	900
ACST-E51	3	100	2.0	5.50	120
ACST-E52	3	125	3.0	6.50	130

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS

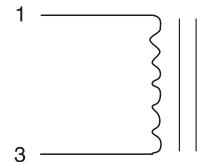
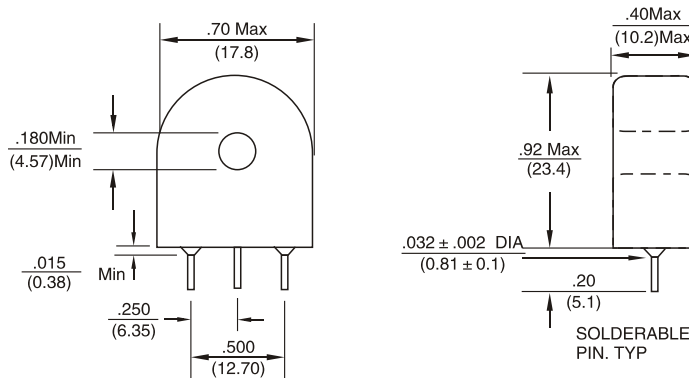


FIG. 2A

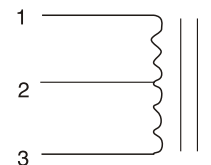
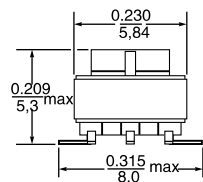
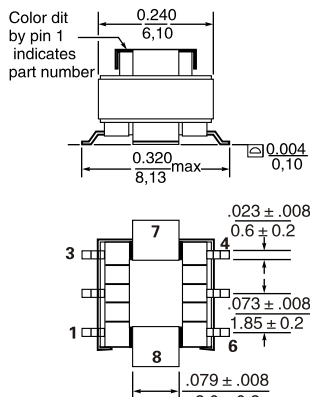


FIG. 2B



Current I_{pri}

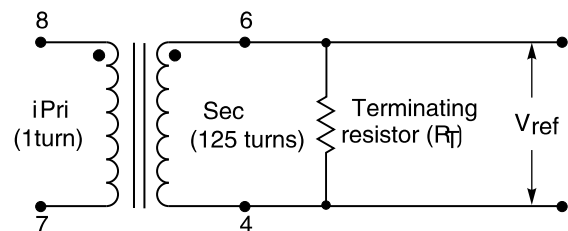


FIG. 3

- Working Frequency range: 10KHz~1MHz
- Testing Frequency: 10 KHz 0.1VRMS
- Hipot: 2000VAC, Primary to Secondary
- Maximum Sensing Current: 20A p-p
- All secondary measurements are in pins 1-3
- Soldering methods: Wave, Reflow
- Operating Temperature: 0°C to 85°C
- Storage Temperature: -25°C to 85°C

Note: All specifications subject to change without notice