



ACST SERIES

High Frequency Current Sensing Transformer

FEATURES

- Meets UL94V-0 Requirements
- Precise Current Sensing

OPTIONS

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

APPLICATIONS

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

Part Number	Schematic	TURNS (±1% Max)	OCL (mH Min)	DCR (Ohm 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

- Working Frequency Range: 10KHz-1MHz
 - Testing Frequency: 10KHz 0.1VRMS
 - Hipot: 2000VAC, Primary to Secondary
 - Maximum Sensing Current: 20Ap-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

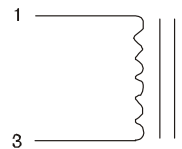
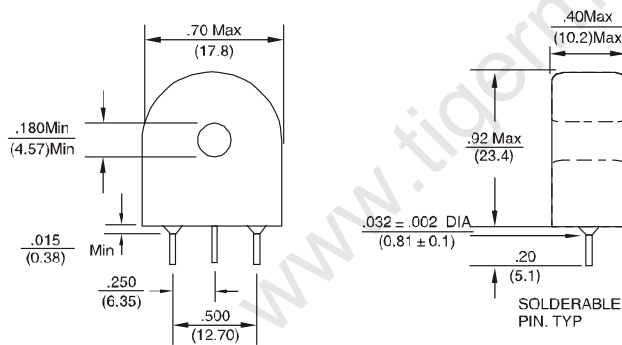


FIG. 2A

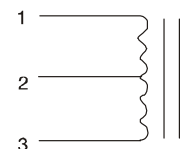


FIG. 2B

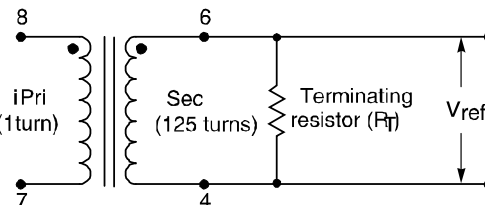
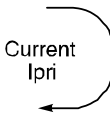
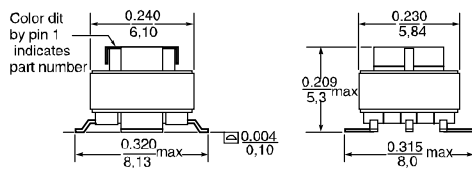
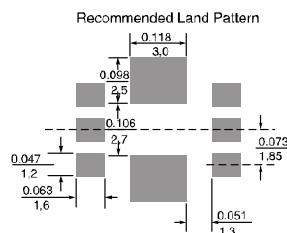
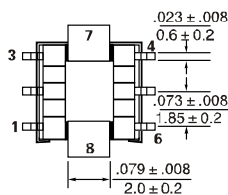


FIG. 3



Inches .XXX ± 0.010
MM .XX ± 0.25