

# SHENZHEN HIGHSTARTECH ELECTRONICS CO.,LTD

## EE5.0 CURRENT TRANSFORMER SERIES

### 1. FEATURES:

- (1) Frequency : 50KHz-1MHz.
- (2) Primary Max current :10A.
- (3) Two different kinds of extraction to suit any requests.
- (4) Kinds of different turn-ratio to suit for different application.
- (5) Working condition and storage temperature: -40 °C to +125 °C.

### 2. APPLICATIONS:

- (1) SMPS.
- (2) Communication equipment/electrical equipment and meter.
- (3) Household appliances/computer and so on.

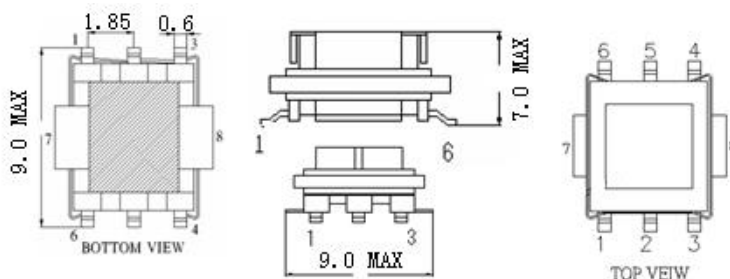
### 3. PART NUMBER SYSTEM:

HST20/10A-EE5-1

20/10A-----current ratio

1----- suffix

### 4. PHYSICAL CHARACTERISTICS:



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### 5. ELECTRICAL CHARACTERISTICS:

Part number	Turns ratio	Min inductance of secondary winding(uH)	DCR(ohm)		Primary MAX current(A)	HI-POT between Pri and Sec winding
			MAX	MAX		
			PRI	SEC		
HST20/10A-EE5-1	1:20	81	0.0007	0.4	10	500
HST20/10A-EE5-2	1:20	81	0.0007	0.4	10	500
HST30/10A-EE5-1	1:30	180	0.0007	0.87	10	500
HST30/10A-EE5-2	1:30	180	0.0007	0.87	10	500
HST40/10A-EE5-1	1:40	320	0.0007	1.14	10	500
HST40/10A-EE5-2	1:40	320	0.0007	1.14	10	500
HST50/10A-EE5-1	1:50	500	0.0007	1.5	10	500
HST50/10A-EE5-2	1:50	500	0.0007	1.5	10	500
HST60/10A-EE5-1	1:60	730	0.0007	1.98	10	500
HST60/10A-EE5-2	1:60	730	0.0007	1.98	10	500
HST70/10A-EE5-1	1:70	980	0.0007	4.75	10	500
HST70/10A-EE5-2	1:70	980	0.0007	4.75	10	500
HST100/10A-EE5-1	1:100	2000	0.0007	5.5	10	500
HST100/10A-EE5-2	1:100	2000	0.0007	5.5	10	500
HST125/10A-EE5-1	1:125	3000	0.0007	6.5	10	500
HST125/10A-EE5-2	1:125	3000	0.0007	6.5	10	500

Note: testing condition: 10K, 0.1V 25°C