

# SHENZHEN HIGHSTARTECH ELECTRONICS CO.,LTD

## RM SERIES

### 1. FEATURES:

- (1) Lower power loss and higher work effectivity..
- (2) High Bs and lower raise temperature.
- (3) High application fequency and width range work frequency.
- (4) Exact application voltage and lower leakage inductance.
- (5) Compliance with EN60950 and EN60065 ans EN61558.

### 2. APPLICATIONS:

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

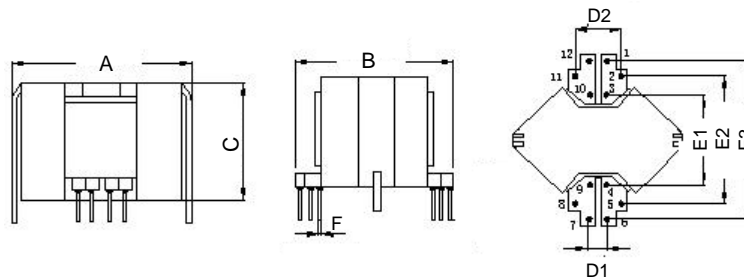
### 3. PART NUMBER SYSTEM:

HSTXXRM-XXXX

XXRM-----core dimension and type, e.g. 10RM

XXXX----- series number

### 4. PHYSICAL CHARACTERISTICS:



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### 5. ELECTRICAL CHARACTERISTICS:

| Part number | Type | Pin number | Dimension(mm) |     |      |      |      |      |      |      |      | MAX output power (VA) |
|-------------|------|------------|---------------|-----|------|------|------|------|------|------|------|-----------------------|
|             |      |            | MAX           | MAX | MAX  | ±0.3 | ±0.3 | ±0.5 | ±0.5 | ±0.5 | ±0.1 |                       |
|             |      |            | A             | B   | C    | D1   | D2   | E1   | E2   | E3   | F    |                       |
| HST5RM      | V    | 8          | 19            | 18  | 13   | 1.8  | 3.6  | 10.8 | 14.4 |      | 0.5  | 9.5                   |
| HST6RM      | V    | 12         | 21            | 22  | 14   | 1.8  | 3.6  | 14.4 | 18.0 | 21.6 | 0.6  | 15                    |
| HST8RM      | V    | 12         | 27            | 26  | 18   | 3.5  | 7.1  | 14.4 | 18   | 21.6 | 0.6  | 39                    |
| HST10RM     | V    | 12         | 32            | 30  | 20   | 3.6  | 7.2  | 18.0 | 21.6 | 25.2 | 0.6  | 85                    |
| HST12RM     | V    | 12         | 40            | 40  | 27.5 | 3.6  | 7.2  | 21.5 | 28.7 | 36   | 0.8  | 155                   |
| HST14RM     | V    | 12         | 43            | 43  | 32   | 7.1  | 14.3 | 25.2 | 32.3 | 39.5 | 0.8  | 255                   |