

# SHENZHEN HIGHSTARTECH ELECTRONICS CO.,LTD

## HPD3119 SERIES

### 1. FEATURES:

- (1) IDC up to 60A .
- (2) Inductance value is from 5.6uH to 33uH.
- (3) High energy storage and lower DCR.
- (4) Rohs compliant.
- (5) Customize inductance values available.

### 2. APPLICATIONS:

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

### 3. PART NUMBER SYSTEM:

HPD3119-100M

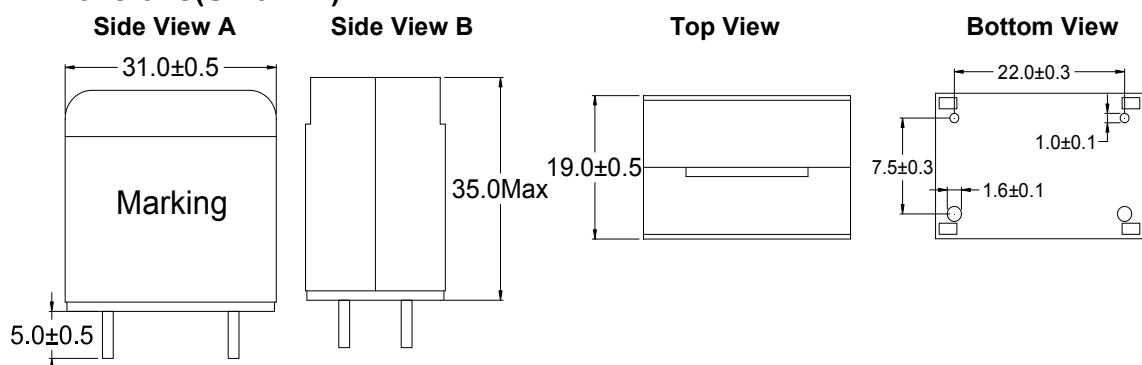
HPD3119-----core dimension is 1495

100----- inductance value

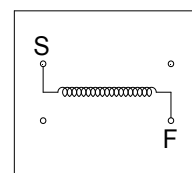
M-----tolerance

### 4. PHYSICAL CHARACTERISTICS:

#### Dimensions(Unit:mm)



#### Spice models



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### 5. ELECTRICAL CHARACTERISTICS:

Part number	Inductance( $\mu$ H) $\pm$ 20% 1KHz, 0.25V,	DCR(mohm) MAX	Isat(A) MAX drop off 30%	Irms(A) MAX temperature rise 40°C
HPD3119-5R6M	5.6	3.0	60	28.0
HPD3119-8R2M	8.2	3.5	58	26.0
HPD3119-100M	10	6.3	51	17.0
HPD3119-120M	12	6.3	50	17.0
HPD3119-150M	15	6.3	41	17.0
HPD3119-180M	18	6.9	31	15.5
HPD3119-220M	22	6.9	31	15.5
HPD3119-330M	33	6.9	22	15.5