

# SMD POWER CHOKES - CSH136S (Unshielded)

## A. Electrical Specification

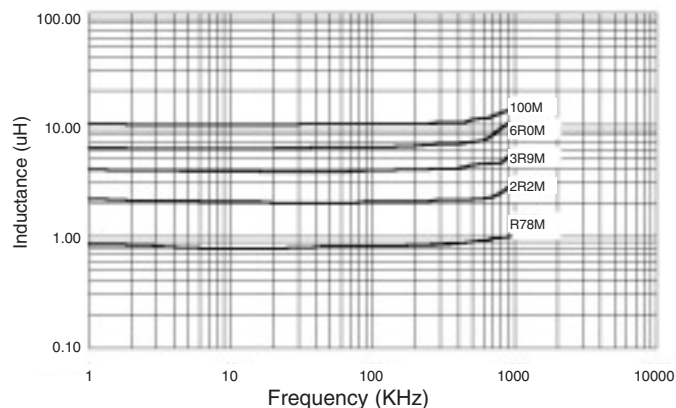
| Part Number  | Marking | L (uH) | Test Freq. | DCR $\Omega$ (max.) | I rms. (A) | I sat. (A) |
|--------------|---------|--------|------------|---------------------|------------|------------|
| CSH136S-R78M | 781     | 0.78   | 100 KHz    | 0.0026              | 15         | 30         |
| CSH136S-1R5M | 152     | 1.5    | 100 KHz    | 0.004               | 15         | 25         |
| CSH136S-2R2M | 222     | 2.2    | 100 KHz    | 0.0061              | 12         | 20         |
| CSH136S-3R3M | 332     | 3.3    | 100 KHz    | 0.0086              | 10         | 17         |
| CSH136S-3R9M | 392     | 3.9    | 100 KHz    | 0.010               | 9.0        | 15         |
| CSH136S-4R7M | 472     | 4.7    | 100 KHz    | 0.014               | 8.4        | 13         |
| CSH136S-6R0M | 602     | 6.0    | 100 KHz    | 0.017               | 7.5        | 12         |
| CSH136S-7R8M | 782     | 7.8    | 100 KHz    | 0.018               | 7.5        | 11         |
| CSH136S-100M | 103     | 10.0   | 100 KHz    | 0.026               | 6.0        | 10         |
| CSH136S-150M | 153     | 15.0   | 100 KHz    | 0.032               | 4.4        | 8          |



- Operating Temp.: -25°C to +85°C.
- Inductance measured using the HP4284A LCR meter.
- DCR measured using the 502BC milli-ohm meter.
- Inductance drops no more than 10% at rated current applied or temperature rises  $\Delta t < 40^\circ\text{C}$ .

## B. Characteristic Curve

Inductance vs. Frequency



Inductance vs. Current

