

样品规格书

SPECIFICATION FOR PRODUCTS

客户 (CUSTOMER) : 深圳市立创电子商务有限公司
品名 (SAMPLES) : 一体成型电感
版本 (VERSION) : 3.0
厂商 (MANUFACTORY) : 山东同方鲁颖电子有限公司
日期 (DATE) : 2023、10、12

接受 (RECEPTION) :

该规格书已被我司接受

公司名称 (COMPANY) :

| 批准 (CFMD) | 审核 (CHKD) | 接收 (RCVD) |
|-----------|-----------|-----------|
| | | |

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样品规格书

SPECIFICATION

CUSTOMER: 深圳市立创电子商务有限公司

SAMPLES LIST: STSHC1004H Series

| | | |
|---|---------|----------|
| Shandong Tongfang Luying Electronic CO.,LTD | | |
| DRAUGHT | CHECKED | APPROVED |
| | | |

山东同方鲁颖电子有限公司

SMD POWER INDUCTORS:

STSHC1004H Series

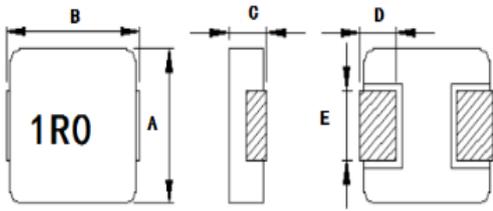


Fig.1

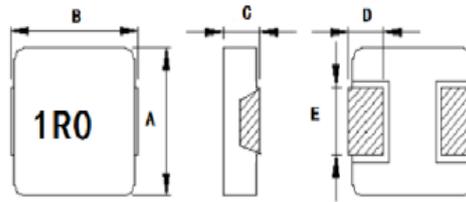


Fig.2

| Series | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | |
|-------------------|-------------------------|------------------------------|-----------------------------|----------|---------|-------|
| STSHC1004H | 10.5Max | 11.8Max | 4.0MAX | 2.0±0.5 | 3.0±0.3 | |
| Part Number | L0 Inductance (μH) ±20% | Heat Rating Current Irms (A) | Saturation Current Isat (A) | DCR (mΩ) | | Shape |
| | | | | TYP. | MAX. | |
| STSHC1004-R15MT-H | 0.15 | 48.0 | 65.0 | 0.50 | 0.60 | Fig.2 |
| STSHC1004-R22MT-H | 0.22 | 35.0 | 55.0 | 0.60 | 0.80 | Fig.2 |
| STSHC1004-R36MT-H | 0.36 | 30.0 | 50.0 | 1.10 | 1.40 | Fig.2 |
| STSHC1004-R47MT-H | 0.47 | 25.0 | 35.0 | 1.40 | 1.60 | Fig.2 |
| STSHC1004-R56MT-H | 0.56 | 23.0 | 30.0 | 1.50 | 1.70 | Fig.2 |
| STSHC1004-R68MT-H | 0.68 | 20.0 | 30.0 | 1.70 | 2.40 | Fig.2 |
| STSHC1004-1R0MT-H | 1 | 20.0 | 26.0 | 2.80 | 3.50 | Fig.2 |
| STSHC1004-1R5MT-H | 1.5 | 16.0 | 22.0 | 4.50 | 5.80 | Fig.1 |
| STSHC1004-2R2MT-H | 2.2 | 12.0 | 18.0 | 6.50 | 7.50 | Fig.1 |
| STSHC1004-3R3MT-H | 3.3 | 11.0 | 16.0 | 10.50 | 11.60 | Fig.1 |
| STSHC1004-4R7MT-H | 4.7 | 9.0 | 15.0 | 13.50 | 16.50 | Fig.1 |
| STSHC1004-5R6MT-H | 5.6 | 7.0 | 12.0 | 18.00 | 22.00 | Fig.1 |
| STSHC1004-6R8MT-H | 6.8 | 7.0 | 11.0 | 20.00 | 25.00 | Fig.1 |
| STSHC1004-8R2MT-H | 8.2 | 6.0 | 9.0 | 33.00 | 36.00 | Fig.1 |
| STSHC1004-100MT-H | 10 | 6.0 | 8.5 | 35.00 | 40.00 | Fig.1 |
| STSHC1004-150MT-H | 15 | 6.0 | 7.0 | 42.00 | 45.00 | Fig.1 |
| STSHC1004-220MT-H | 22 | 5.1 | 5.6 | 62.00 | 68.00 | Fig.1 |
| STSHC1004-330MT-H | 33 | 3.5 | 5.0 | 90.00 | 100.00 | Fig.1 |
| STSHC1004-470MT-H | 47 | 3.3 | 4.0 | 127.00 | 145.00 | Fig.1 |

NOTES:

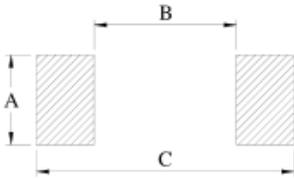
1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ,1.0V

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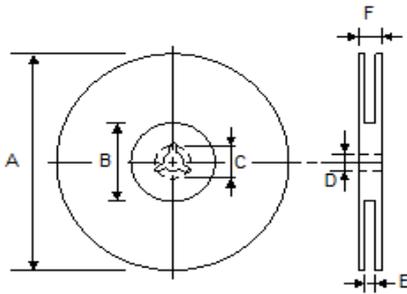
Recommend Land Pattern Dimensions (推荐焊盘)



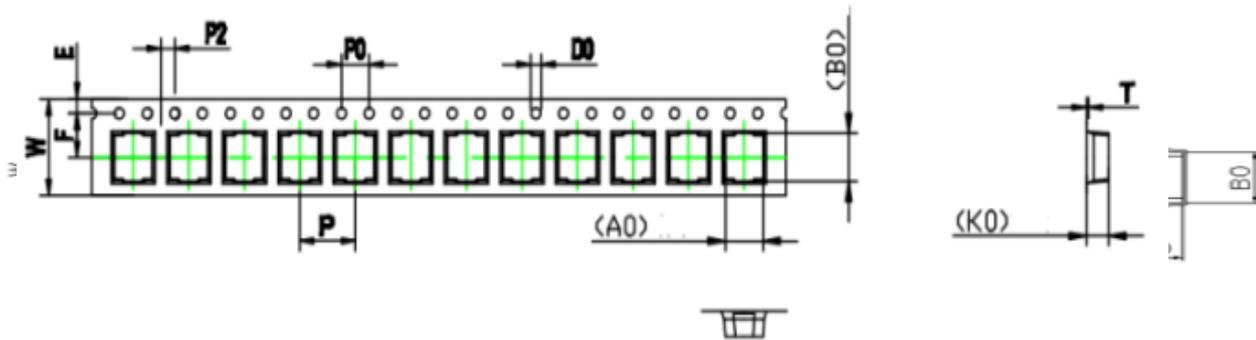
| | |
|---|-------|
| A | 4.10 |
| B | 5.40 |
| C | 13.60 |

Unit : mm

Packaging Information (包装信息)



| TYPE | A | B | C | D | E | F |
|------|-----|-----|----------|--------------------------------------|--------|------|
| 24mm | 330 | 100 | 21.0±0.8 | 13 ^{+0.5} / _{-0.2} | 24±0.3 | 30.4 |



| Q'TY (PCS) | A0 | B0 | KO | W | P | T |
|------------|----------|----------|---------|----------|----------|-----------|
| 800/1000 | 10.7±0.1 | 12.0±0.1 | 4.5±0.1 | 24.0±0.3 | 16.0±0.1 | 0.35±0.05 |

STSHC1004H Series:

- ①一卷包装:800/1000Pcs;
- ②小箱装两卷:一共1600/2000Pcs;
- ③大箱装三小箱:一共4800/6000Pcs.