
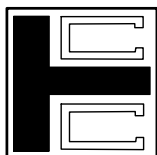


## SPECIFICATION FOR APPROVAL

|   |   |                      |
|---|---|----------------------|
| <b>CUSTOMER :</b>                         | <b>DATE :</b> 18-09-2009<br>DD/MM/YYYY  |                      |
| <b>CUSTOMER P/N :</b>                     |  |                      |
| <b>C.T.C. P/N :</b> SMRQ3C-XXXXXX-X       | <b>SAMPLE Q'TY :</b>  |                      |
| <b>PRODUCT NAME :</b> SMRQ3CTR-XXXX-VERXX |   |                      |
| <b>DRAWN BY :</b>                         | <b>CHECKED BY :</b>   | <b>APPROVED BY :</b> |
| <b>Ke Youfang</b>                         | <b>Tao Guowen</b>   | <b>Tao Guowen</b>    |

## APPROVED BY CUSTOMER

|                      | SIGNATURE | DATE |
|----------------------|-----------|------|
| APPROVED             |           |      |
| CONDITIONAL APPROVED |           |      |
| REJECTED             |           |      |



**C.T.C. Coils Limited 確力新實業有限公司**

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**C.T.C. Electronics (Fonggang) Factory 東莞確力新電子廠**

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**C.T.C. Electronics (Tangxia) Limited 東莞確一新電子有限公司**

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 Guangdong Province, China, P.R.C.  
 Tel : (86)769-87811682 Fax : (86)769-87811382

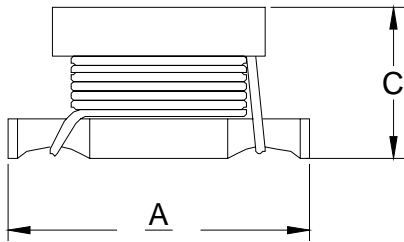
SPECIFICATION FOR:

REF.:

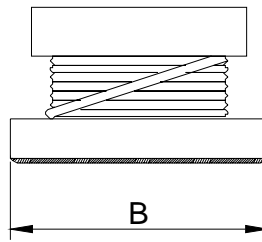
**SPECIFICATION FOR APPROVAL**

|  |                            |            |
|--|----------------------------|------------|
| <b>C.T.C. P/N:</b> SMRQ3C-XXXXXX-X       | <b>DATE:</b><br>DD/MM/YYYY | 18-09-2009 |
| <b>PRODUCT NAME:</b> SMRQ3CTR-XXXX-VERXX |                            |            |

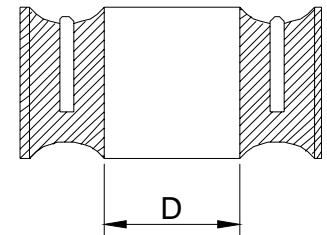
**1. DIMENSION (UNIT:mm):**



A:  $3.2 \pm 0.3$

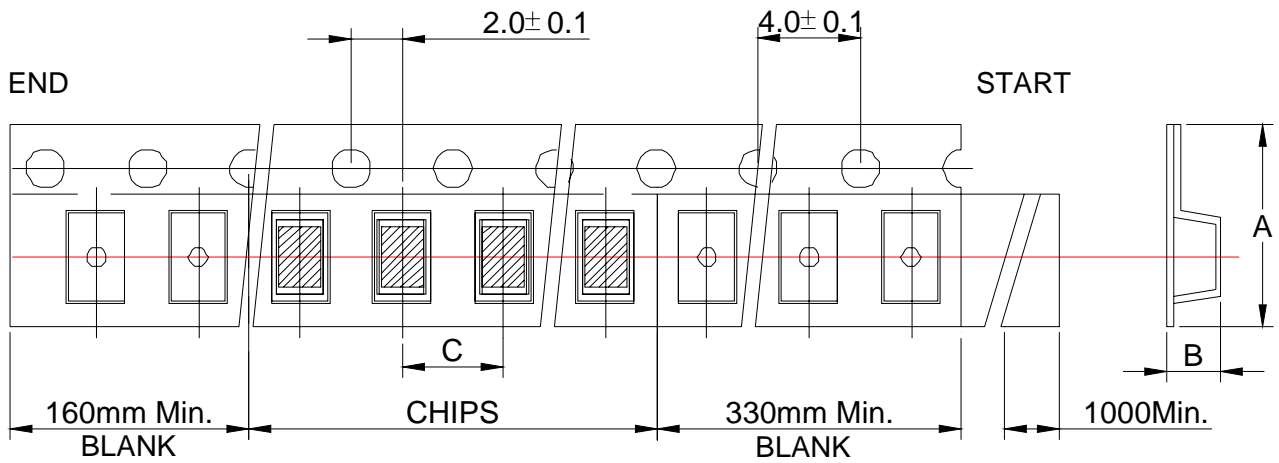


B:  $2.5 \pm 0.2$



D: 0.7 Ref.

C:  $2.0 \pm 0.2$



A:  $12.0 \pm 0.3$

B: 2.6Ref.

C:  $8.0 \pm 0.1$

|                   |                     |                      |
|-------------------|---------------------|----------------------|
| <b>DRAWN BY :</b> | <b>CHECKED BY :</b> | <b>APPROVED BY :</b> |
| <b>Ke Youfang</b> | <b>Tao Guowen</b>   | <b>Tao Guowen</b>    |

SPECIFICATION FOR:

REF.:

**SPECIFICATION FOR APPROVAL**

|                      |                     |                            |            |
|----------------------|---------------------|----------------------------|------------|
| <b>C.T.C. P/N:</b>   | SMRQ3C-XXXXXX-X     | <b>DATE:</b><br>DD/MM/YYYY | 18-09-2009 |
| <b>PRODUCT NAME:</b> | SMRQ3CTR-XXXX-VERXX |                            |            |

**2. ELECTRIC CHARACTERISTICS:( Operating temperature: -40°C to+ 85°C )**

| Part Number     | Inductance ( uH ) | Tolerance | Test Freq. of L(KHz) | DCR(Ω) Max. | SRF (MHz)Min. | IDC( A ) |
|-----------------|-------------------|-----------|----------------------|-------------|---------------|----------|
| SMRQ3C-550651-T | 1.0               | ±20%      | 1MHz/0.25V           | 0.12        | 96            | 800      |
| SMRQ3C-550653-T | 2.2               | ±20%      | 1MHz/0.25V           | 0.18        | 55            | 600      |
| SMRQ3C-550655-T | 4.7               | ±20%      | 1MHz/0.25V           | 0.28        | 43            | 450      |
| SMRQ3C-550657-T | 10                | ±10%      | 1MHz/0.25V           | 0.60        | 26            | 300      |
| SMRQ3C-550659-T | 22                | ±10%      | 1MHz/0.25V           | 0.95        | 19            | 250      |
| SMRQ3C-550660-T | 33                | ±10%      | 1MHz/0.25V           | 1.25        | 12            | 200      |
| SMRQ3C-550661-T | 47                | ±10%      | 1MHz/0.25V           | 1.80        | 12            | 170      |
| SMRQ3C-550663-T | 100               | ±10%      | 1MHz/0.25V           | 5.0         | 10            | 100      |
| SMRQ3C-550665-T | 220               | ±10%      | 1MHz/0.25V           | 12.0        | 6.8           | 70       |
| SMRQ3C-550666-T | 330               | ±10%      | 1MHz/0.25V           | 14.0        | 5.6           | 60       |
| SMRQ3C-550667-T | 390               | ±10%      | 1MHz/0.25V           | 23.0        | 5.0           | 60       |
| SMRQ3C-550668-T | 470               | ±10%      | 1MHz/0.25V           | 26.0        | 5.0           | 60       |
| SMRQ3C-550669-T | 560               | ±10%      | 1MHz/0.25V           | 30.0        | 5.0           | 60       |

**3. Packaging Quantities(PCS):**  
3000PCS/REEL

|                   |                     |                      |
|-------------------|---------------------|----------------------|
| <b>DRAWN BY :</b> | <b>CHECKED BY :</b> | <b>APPROVED BY :</b> |
| <b>Ke Youfang</b> | <b>Tao Guowen</b>   | <b>Tao Guowen</b>    |