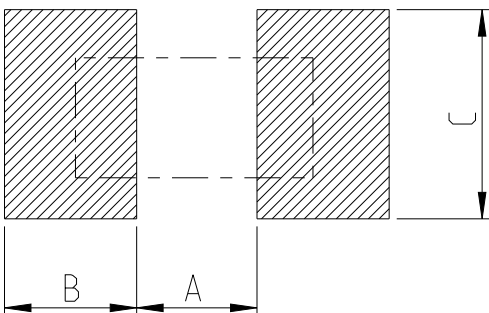
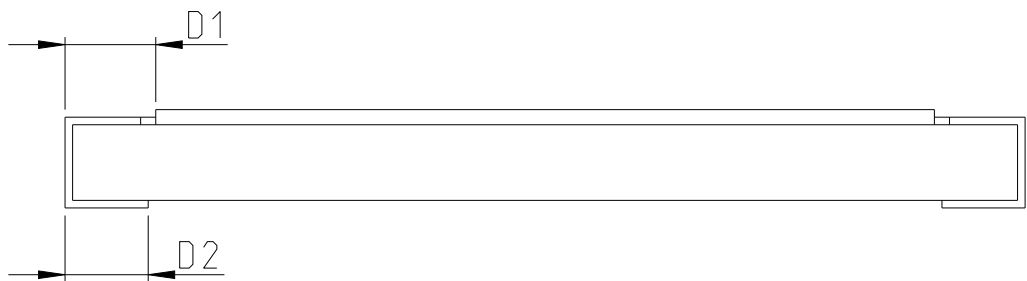


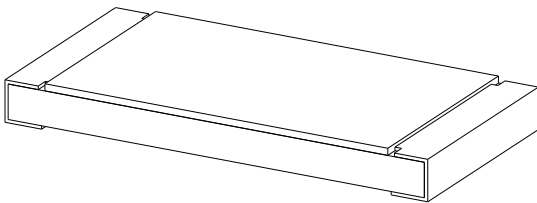
FOR FURTHER INFORMATION SEE DATA SHEET FOR RLC73  
SERIES SMD LOW OHMIC CURRENT SENSING RESISTOR

## RECOMMENDED LAND PATTERN



| SIZE | A (mm) | B (mm) | C (mm)    |
|------|--------|--------|-----------|
| 2512 | 4.90   | 1.60   | 3.20±0.20 |

RoHS Compliant



| SIZE | L (mm)    | W (mm)     | T (mm)     | D1 (mm)    | D2 (mm)    |
|------|-----------|------------|------------|------------|------------|
| 2512 | 6.35±0.10 | 3.10 ±0.15 | 0.60 ±0.10 | 0.60 ±0.30 | 0.55 ±0.25 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 01FEB2023  
B DANCER

CHK 01FEB2023  
A DUE

APVD 01FEB2023  
A BUE

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

---

## CUSTOMER DRAWING

## TE Connectivity

SMD LOW OHMIC CURRENT SENSE RESISTORS  
TYPE RLC73 2512 SERIES

S I Z E

A 3

CAGE CODE

DRAWING NO

C-2176603

RESTRICTED TO

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EVBA

REVISIONS

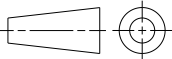
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   | -   | SEE SHEET 1 | -    | -   | -    |
|   |     |             |      |     |      |
|   |     |             |      |     |      |
|   |     |             |      |     |      |

SCHEDULE

| TCPN        | CATALOGUE NUMBER | PART DESCRIPTION        | PART STATUS |
|-------------|------------------|-------------------------|-------------|
| 2176603-1   | RLC73V3AR01FTDF  | RLC73V 3A R01 1% 1K RL  | PRODUCTION  |
| 2176603-2   | RLC73V3AR011FTDF | RLC73V 3A R011 1% 1K RL | PRODUCTION  |
| 2176603-3   | RLC73V3AR012FTDF | RLC73V 3A R012 1% 1K RL | PRODUCTION  |
| 2176603-4   | RLC73V3AR013FTDF | RLC73V 3A R013 1% 1K RL | PRODUCTION  |
| 2176603-5   | RLC73V3AR015FTDF | RLC73V 3A R015 1% 1K RL | PRODUCTION  |
| 2176603-6   | RLC73V3AR016FTDF | RLC73V 3A R016 1% 1K RL | PRODUCTION  |
| 2176603-7   | RLC73V3AR018FTDF | RLC73V 3A R018 1% 1K RL | PRODUCTION  |
| 2176603-8   | RLC73V3AR02FTDF  | RLC73V 3A R02 1% 1K RL  | PRODUCTION  |
| 2176603-9   | RLC73M3AR022FTDF | RLC73M 3A R022 1% 1K RL | PRODUCTION  |
| 1-2176603-0 | RLC73M3AR024FTDF | RLC73M 3A R024 1% 1K RL | PRODUCTION  |
| 1-2176603-1 | RLC73M3AR027FTDF | RLC73M 3A R027 1% 1K RL | PRODUCTION  |
| 1-2176603-2 | RLC73M3AR03FTDF  | RLC73M 3A R03 1% 1K RL  | PRODUCTION  |
| 1-2176603-3 | RLC73M3AR033FTDF | RLC73M 3A R033 1% 1K RL | PRODUCTION  |
| 1-2176603-4 | RLC73M3AR036FTDF | RLC73M 3A R036 1% 1K RL | PRODUCTION  |
| 1-2176603-5 | RLC73M3AR039FTDF | RLC73M 3A R039 1% 1K RL | PRODUCTION  |
| 1-2176603-6 | RLC73M3AR043FTDF | RLC73M 3A R043 1% 1K RL | PRODUCTION  |
| 1-2176603-7 | RLC73M3AR047FTDF | RLC73M 3A R047 1% 1K RL | PRODUCTION  |
| 1-2176603-8 | RLC73N3AR051FTDF | RLC73N 3A R051 1% 1K RL | PRODUCTION  |
| 1-2176603-9 | RLC73N3AR056FTDF | RLC73N 3A R056 1% 1K RL | PRODUCTION  |
| 2-2176603-0 | RLC73N3AR062FTDF | RLC73N 3A R062 1% 1K RL | PRODUCTION  |
| 2-2176603-1 | RLC73N3AR068FTDF | RLC73N 3A R068 1% 1K RL | PRODUCTION  |
| 2-2176603-2 | RLC73N3AR075FTDF | RLC73N 3A R075 1% 1K RL | PRODUCTION  |
| 2-2176603-3 | RLC73N3AR082FTDF | RLC73N 3A R082 1% 1K RL | PRODUCTION  |
| 2-2176603-4 | RLC73N3AR091FTDF | RLC73N 3A R091 1% 1K RL | PRODUCTION  |
| 2-2176603-5 | RLC73K3AR10FTDF  | RLC73K 3A R10 1% 1K RL  | PRODUCTION  |
| 2-2176603-6 | RLC73K3AR102FTDF | RLC73K 3A R102 1% 1K RL | PRODUCTION  |
| 2-2176603-7 | RLC73K3AR105FTDF | RLC73K 3A R105 1% 1K RL | PRODUCTION  |
| 2-2176603-8 | RLC73K3AR107FTDF | RLC73K 3A R107 1% 1K RL | PRODUCTION  |
| 2-2176603-9 | RLC73K3AR11FTDF  | RLC73K 3A R11 1% 1K RL  | PRODUCTION  |
| 3-2176603-0 | RLC73K3AR113FTDF | RLC73K 3A R113 1% 1K RL | PRODUCTION  |
| 3-2176603-1 | RLC73K3AR115FTDF | RLC73K 3A R115 1% 1K RL | PRODUCTION  |
| 3-2176603-2 | RLC73K3AR118FTDF | RLC73K 3A R118 1% 1K RL | PRODUCTION  |
| 3-2176603-3 | RLC73K3AR121FTDF | RLC73K 3A R121 1% 1K RL | PRODUCTION  |

SCHEDULE

| TCPN        | CATALOGUE NUMBER | PART DESCRIPTION        | PART STATUS |
|-------------|------------------|-------------------------|-------------|
| 3-2176603-4 | RLC73K3AR124FTDF | RLC73K 3A R124 1% 1K RL | PRODUCTION  |
| 3-2176603-5 | RLC73K3AR127FTDF | RLC73K 3A R127 1% 1K RL | PRODUCTION  |
| 3-2176603-6 | RLC73K3AR13FTDF  | RLC73K 3A R13 1% 1K RL  | PRODUCTION  |
| 3-2176603-7 | RLC73K3AR133FTDF | RLC73K 3A R133 1% 1K RL | PRODUCTION  |
| 3-2176603-8 | RLC73K3AR137FTDF | RLC73K 3A R137 1% 1K RL | PRODUCTION  |
| 3-2176603-9 | RLC73K3AR14FTDF  | RLC73K 3A R14 1% 1K RL  | PRODUCTION  |
| 4-2176603-0 | RLC73K3AR143FTDF | RLC73K 3A R143 1% 1K RL | PRODUCTION  |
| 4-2176603-1 | RLC73K3AR147FTDF | RLC73K 3A R147 1% 1K RL | PRODUCTION  |
| 4-2176603-2 | RLC73K3AR15FTDF  | RLC73K 3A R15 1% 1K RL  | PRODUCTION  |
| 4-2176603-3 | RLC73K3AR154FTDF | RLC73K 3A R154 1% 1K RL | PRODUCTION  |
| 4-2176603-4 | RLC73K3AR158FTDF | RLC73K 3A R158 1% 1K RL | PRODUCTION  |
| 4-2176603-5 | RLC73K3AR162FTDF | RLC73K 3A R162 1% 1K RL | PRODUCTION  |
| 4-2176603-6 | RLC73K3AR165FTDF | RLC73K 3A R165 1% 1K RL | PRODUCTION  |
| 4-2176603-7 | RLC73K3AR169FTDF | RLC73K 3A R169 1% 1K RL | PRODUCTION  |
| 4-2176603-8 | RLC73K3AR174FTDF | RLC73K 3A R174 1% 1K RL | PRODUCTION  |
| 4-2176603-9 | RLC73K3AR178FTDF | RLC73K 3A R178 1% 1K RL | PRODUCTION  |
| 5-2176603-0 | RLC73K3AR182FTDF | RLC73K 3A R182 1% 1K RL | PRODUCTION  |
| 5-2176603-1 | RLC73K3AR187FTDF | RLC73K 3A R187 1% 1K RL | PRODUCTION  |
| 5-2176603-2 | RLC73K3AR191FTDF | RLC73K 3A R191 1% 1K RL | PRODUCTION  |
| 5-2176603-3 | RLC73K3AR196FTDF | RLC73K 3A R196 1% 1K RL | PRODUCTION  |
| 5-2176603-4 | RLC73K3AR20FTDF  | RLC73K 3A R20 1% 1K RL  | PRODUCTION  |
| 5-2176603-5 | RLC73K3AR205FTDF | RLC73K 3A R205 1% 1K RL | PRODUCTION  |
| 5-2176603-6 | RLC73K3AR21FTDF  | RLC73K 3A R21 1% 1K RL  | PRODUCTION  |
| 5-2176603-7 | RLC73K3AR215FTDF | RLC73K 3A R215 1% 1K RL | PRODUCTION  |
| 5-2176603-8 | RLC73K3AR221FTDF | RLC73K 3A R221 1% 1K RL | PRODUCTION  |
| 5-2176603-9 | RLC73K3AR226FTDF | RLC73K 3A R226 1% 1K RL | PRODUCTION  |
| 6-2176603-0 | RLC73K3AR232FTDF | RLC73K 3A R232 1% 1K RL | PRODUCTION  |
| 6-2176603-1 | RLC73K3AR237FTDF | RLC73K 3A R237 1% 1K RL | PRODUCTION  |
| 6-2176603-2 | RLC73K3AR243FTDF | RLC73K 3A R243 1% 1K RL | PRODUCTION  |
| 6-2176603-3 | RLC73K3AR249FTDF | RLC73K 3A R249 1% 1K RL | PRODUCTION  |
| 6-2176603-4 | RLC73K3AR255FTDF | RLC73K 3A R255 1% 1K RL | PRODUCTION  |
| 6-2176603-5 | RLC73K3AR261FTDF | RLC73K 3A R261 1% 1K RL | PRODUCTION  |
| 6-2176603-6 | RLC73K3AR267FTDF | RLC73K 3A R267 1% 1K RL | PRODUCTION  |

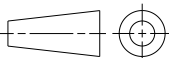
|                                                                                       |  |                                                                       |                                                                                                                                                                                             |                  |                 |           |
|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>D. BANGERA<br>01FEB2023                                        | <div>TE Connectivity</div> <div>SMD LOW OHMIC CURRENT SENSE RESISTORS<br/>TYPE RLC73 2512 SERIES</div> |                  |                 |           |
|                                                                                       |  | CHK<br>A. PILE<br>01FEB2023                                           |                                                                                                                                                                                             |                  |                 |           |
|                                                                                       |  | APVD<br>A. PILE<br>01FEB2023                                          |                                                                                                                                                                                             |                  |                 |           |
|                                                                                       |  | PRODUCT SPEC                                                          |                                                                                                                                                                                             |                  |                 |           |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                |                                                                                                                                                                                             | NAME             |                 |           |
|  |  | 0 PLC ±-<br>1 PLC ±-<br>2 PLC ±-<br>3 PLC ±-<br>4 PLC ±-<br>ANGLES ±- |                                                                                                                                                                                             | APPLICATION SPEC |                 |           |
| MATERIAL                                                                              |  | FINISH                                                                |                                                                                                                                                                                             | WEIGHT           |                 |           |
| -                                                                                     |  | -                                                                     |                                                                                                                                                                                             | -                |                 |           |
| -                                                                                     |  | -                                                                     |                                                                                                                                                                                             | -                |                 |           |
| CUSTOMER DRAWING                                                                      |  |                                                                       |                                                                                                                                                                                             | SCALE<br>10:1    | SHEET<br>2 OF 3 | REV<br>BA |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   | -   | SEE SHEET 1 | -    | -   | -    |
|   |     |             |      |     |      |
|   |     |             |      |     |      |
|   |     |             |      |     |      |

SCHEDULE

| TCPN        | CATALOGUE NUMBER | PART DESCRIPTION        | PART STATUS |
|-------------|------------------|-------------------------|-------------|
| 6-2176603-7 | RLC73K3AR274FTDF | RLC73K 3A R274 1% 1K RL | PRODUCTION  |
| 6-2176603-8 | RLC73K3AR28FTDF  | RLC73K 3A R28 1% 1K RL  | PRODUCTION  |
| 6-2176603-9 | RLC73K3AR287FTDF | RLC73K 3A R287 1% 1K RL | PRODUCTION  |
| 7-2176603-0 | RLC73K3AR294FTDF | RLC73K 3A R294 1% 1K RL | PRODUCTION  |
| 7-2176603-1 | RLC73K3AR301FTDF | RLC73K 3A R301 1% 1K RL | PRODUCTION  |
| 7-2176603-2 | RLC73K3AR309FTDF | RLC73K 3A R309 1% 1K RL | PRODUCTION  |
| 7-2176603-3 | RLC73K3AR316FTDF | RLC73K 3A R316 1% 1K RL | PRODUCTION  |
| 7-2176603-4 | RLC73K3AR324FTDF | RLC73K 3A R324 1% 1K RL | PRODUCTION  |
| 7-2176603-5 | RLC73K3AR332FTDF | RLC73K 3A R332 1% 1K RL | PRODUCTION  |
| 7-2176603-6 | RLC73K3AR34FTDF  | RLC73K 3A R34 1% 1K RL  | PRODUCTION  |
| 7-2176603-7 | RLC73K3AR348FTDF | RLC73K 3A R348 1% 1K RL | PRODUCTION  |
| 7-2176603-8 | RLC73K3AR357FTDF | RLC73K 3A R357 1% 1K RL | PRODUCTION  |
| 7-2176603-9 | RLC73K3AR365FTDF | RLC73K 3A R365 1% 1K RL | PRODUCTION  |
| 8-2176603-0 | RLC73K3AR374FTDF | RLC73K 3A R374 1% 1K RL | PRODUCTION  |
| 8-2176603-1 | RLC73K3AR383FTDF | RLC73K 3A R383 1% 1K RL | PRODUCTION  |
| 8-2176603-2 | RLC73K3AR392FTDF | RLC73K 3A R392 1% 1K RL | PRODUCTION  |
| 8-2176603-3 | RLC73K3AR402FTDF | RLC73K 3A R402 1% 1K RL | PRODUCTION  |
| 8-2176603-4 | RLC73K3AR412FTDF | RLC73K 3A R412 1% 1K RL | PRODUCTION  |
| 8-2176603-5 | RLC73K3AR422FTDF | RLC73K 3A R422 1% 1K RL | PRODUCTION  |
| 8-2176603-6 | RLC73K3AR432FTDF | RLC73K 3A R432 1% 1K RL | PRODUCTION  |
| 8-2176603-7 | RLC73K3AR442FTDF | RLC73K 3A R442 1% 1K RL | PRODUCTION  |
| 8-2176603-8 | RLC73K3AR453FTDF | RLC73K 3A R453 1% 1K RL | PRODUCTION  |
| 8-2176603-9 | RLC73K3AR464FTDF | RLC73K 3A R464 1% 1K RL | PRODUCTION  |
| 9-2176603-0 | RLC73K3AR475FTDF | RLC73K 3A R475 1% 1K RL | PRODUCTION  |
| 9-2176603-1 | RLC73K3AR487FTDF | RLC73K 3A R487 1% 1K RL | PRODUCTION  |
| 9-2176603-2 | RLC73K3AR499FTDF | RLC73K 3A R499 1% 1K RL | PRODUCTION  |
| 9-2176603-3 | RLC73K3AR511FTDF | RLC73K 3A R511 1% 1K RL | PRODUCTION  |
| 9-2176603-4 | RLC73K3AR523FTDF | RLC73K 3A R523 1% 1K RL | PRODUCTION  |
| 9-2176603-5 | RLC73K3AR536FTDF | RLC73K 3A R536 1% 1K RL | PRODUCTION  |
| 9-2176603-6 | RLC73K3AR549FTDF | RLC73K 3A R549 1% 1K RL | PRODUCTION  |
| 9-2176603-7 | RLC73K3AR562FTDF | RLC73K 3A R562 1% 1K RL | PRODUCTION  |
| 9-2176603-8 | RLC73K3AR576FTDF | RLC73K 3A R576 1% 1K RL | PRODUCTION  |
| 9-2176603-9 | RLC73K3AR59FTDF  | RLC73K 3A R59 1% 1K RL  | PRODUCTION  |

|                                                                                       |  |                                                                                                                              |  |                                                                                                                 |  |           |  |            |  |               |  |               |  |                 |  |           |  |
|---------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|--|-----------|--|------------|--|---------------|--|---------------|--|-----------------|--|-----------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>D. BANGERA<br>01FEB2023                                                                                               |  | <div>TE Connectivity</div> |  |           |  |            |  |               |  |               |  |                 |  |           |  |
|                                                                                       |  | CHK<br>A. PILE<br>01FEB2023                                                                                                  |  |                                                                                                                 |  |           |  |            |  |               |  |               |  |                 |  |           |  |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><br>0 PLC ±-<br>1 PLC ±-<br>2 PLC ±-<br>3 PLC ±-<br>4 PLC ±-<br>ANGLES ±-<br>±- |  | NAME<br>SMD LOW OHMIC CURRENT SENSE RESISTORS<br>TYPE RLC73 2512 SERIES                                         |  |           |  |            |  |               |  |               |  |                 |  |           |  |
|  |  |                                                                                                                              |  | APVD<br>A. PILE<br>01FEB2023                                                                                    |  |           |  |            |  |               |  |               |  |                 |  |           |  |
| MATERIAL<br><br>-<br><br>-                                                            |  | PRODUCT SPEC<br><br>-                                                                                                        |  | SIZE                                                                                                            |  | CAGE CODE |  | DRAWING NO |  | RESTRICTED TO |  |               |  |                 |  |           |  |
|                                                                                       |  | APPLICATION SPEC<br><br>-                                                                                                    |  | A 3                                                                                                             |  | 00779     |  | C-2176603  |  | -             |  |               |  |                 |  |           |  |
|                                                                                       |  | WEIGHT<br><br>-                                                                                                              |  |                                                                                                                 |  |           |  |            |  |               |  |               |  |                 |  |           |  |
|                                                                                       |  |                                                                                                                              |  |                                                                                                                 |  |           |  |            |  |               |  |               |  |                 |  |           |  |
|                                                                                       |  |                                                                                                                              |  | CUSTOMER DRAWING                                                                                                |  |           |  |            |  |               |  | SCALE<br>20:1 |  | SHEET<br>3 OF 3 |  | REV<br>BA |  |