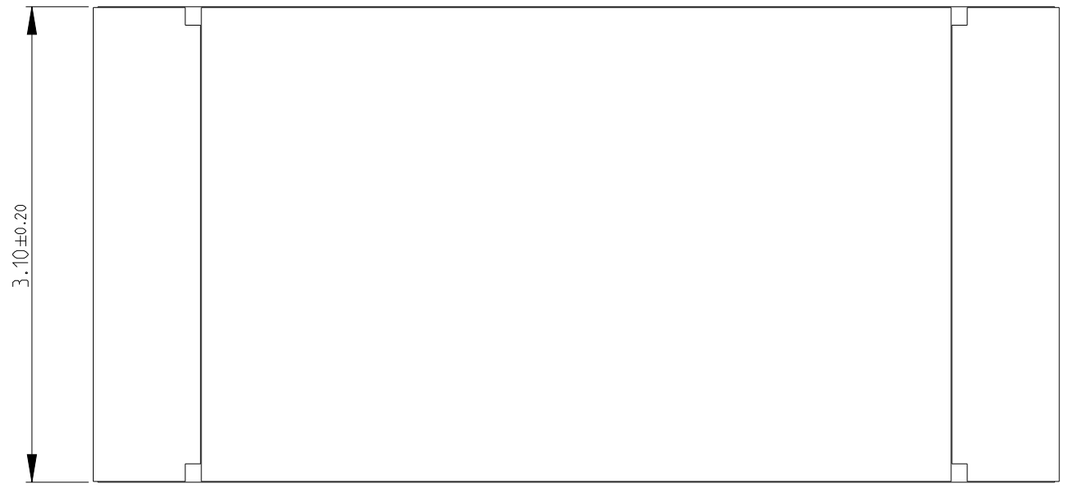
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| REVISIONS | | | | | |
|---|---|---|---|---|---|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | A | NEW DRAWING | 05JUL2022 | LG | AP |
| | | | | | |
| | | | | | |
| | | | | | |

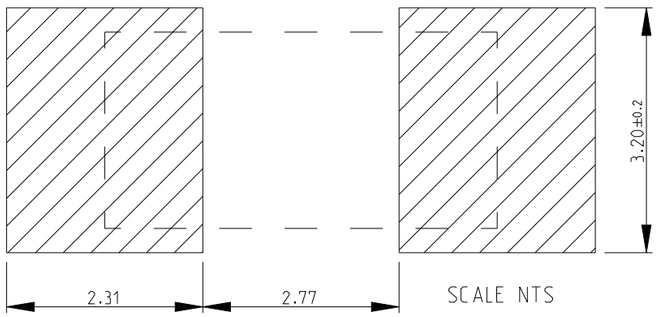



NOTES:

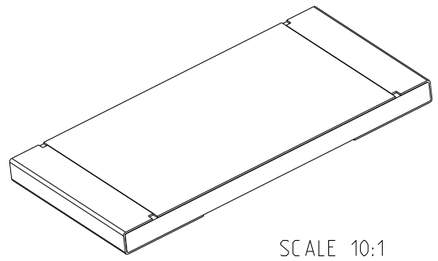
1. PCB WITH A COPPER THICKNESS OF TWO OUNCES SHOULD BE USED.
2. FOR FURTHER INFORMATION SEE DATA SHEET FOR 3504 SERIES ALUMINUM NITRIDE THIN FILM POWER RESISTORS.

RoHS Compliant

## RECOMMENDED LAND PATTERN




SCALE NTS



SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: |
|---|---|
| mm | 0 PLC ±0.5<br>1 PLC ±0.2<br>2 PLC ±0.1<br>3 PLC ±-<br>4 PLC ±-<br>ANGLES ±5° |
| MATERIAL: - | FINISH: - |

| | | |
|---|---|---|
| DWN | LALITH G | 05JUL2022 |
| CHK | ALLAN. P | 05JUL2022 |
| APVD | ALLAN. P | 05JUL2022 |
| PRODUCT SPEC | - | |
| APPLICATION SPEC | - | |
| WEIGHT | - | |

TE Connectivity

NAME: ALUMINIUM NITRIDE THIN FILM POWER RESISTOR TYPE 3504 SERIES

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A3 | 00779 | C-2176530 | - |

| CUSTOMER DRAWING | SCALE 25:1 | SHEET 1 OF 3 | REV A |
|---|---|---|---|

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

| SCHEDULE | | | |
|---|---|---|---|
| TCPN | CATALOGUE NUMBER | PART DESCRIPTION | PART STATUS |
| 2176530-1 | 3504G3A549RFTDF | 3504G 3A 549R 1% 1K RL | PRODUCTION |
| 2176530-2 | 3504G3A562RFTDF | 3504G 3A 562R 1% 1K RL | PRODUCTION |
| 2176530-3 | 3504G3A576RFTDF | 3504G 3A 576R 1% 1K RL | PRODUCTION |
| 2176530-4 | 3504G3A590RFTDF | 3504G 3A 590R 1% 1K RL | PRODUCTION |
| 2176530-5 | 3504G3A604RFTDF | 3504G 3A 604R 1% 1K RL | PRODUCTION |
| 2176530-6 | 3504G3A619RFTDF | 3504G 3A 619R 1% 1K RL | PRODUCTION |
| 2176530-7 | 3504G3A634RFTDF | 3504G 3A 634R 1% 1K RL | PRODUCTION |
| 2176530-8 | 3504G3A649RFTDF | 3504G 3A 649R 1% 1K RL | PRODUCTION |
| 2176530-9 | 3504G3A665RFTDF | 3504G 3A 665R 1% 1K RL | PRODUCTION |
| 1-2176530-0 | 3504G3A681RFTDF | 3504G 3A 681R 1% 1K RL | PRODUCTION |
| 1-2176530-1 | 3504G3A698RFTDF | 3504G 3A 698R 1% 1K RL | PRODUCTION |
| 1-2176530-2 | 3504G3A715RFTDF | 3504G 3A 715R 1% 1K RL | PRODUCTION |
| 1-2176530-3 | 3504G3A732RFTDF | 3504G 3A 732R 1% 1K RL | PRODUCTION |
| 1-2176530-4 | 3504G3A750RFTDF | 3504G 3A 750R 1% 1K RL | PRODUCTION |
| 1-2176530-5 | 3504G3A768RFTDF | 3504G 3A 768R 1% 1K RL | PRODUCTION |
| 1-2176530-6 | 3504G3A787RFTDF | 3504G 3A 787R 1% 1K RL | PRODUCTION |
| 1-2176530-7 | 3504G3A806RFTDF | 3504G 3A 806R 1% 1K RL | PRODUCTION |
| 1-2176530-8 | 3504G3A825RFTDF | 3504G 3A 825R 1% 1K RL | PRODUCTION |
| 1-2176530-9 | 3504G3A845RFTDF | 3504G 3A 845R 1% 1K RL | PRODUCTION |
| 2-2176530-0 | 3504G3A866RFTDF | 3504G 3A 866R 1% 1K RL | PRODUCTION |
| 2-2176530-1 | 3504G3A887RFTDF | 3504G 3A 887R 1% 1K RL | PRODUCTION |
| 2-2176530-2 | 3504G3A909RFTDF | 3504G 3A 909R 1% 1K RL | PRODUCTION |
| 2-2176530-3 | 3504G3A931RFTDF | 3504G 3A 931R 1% 1K RL | PRODUCTION |
| 2-2176530-4 | 3504G3A953RFTDF | 3504G 3A 953R 1% 1K RL | PRODUCTION |
| 2-2176530-5 | 3504G3A976RFTDF | 3504G 3A 976R 1% 1K RL | PRODUCTION |
| 2-2176530-6 | 3504G3A1K0FTDF | 3504G 3A 1K0 1% 1K RL | PRODUCTION |
| 2-2176530-7 | 3504G3A1K02FTDF | 3504G 3A 1K02 1% 1K RL | PRODUCTION |
| 2-2176530-8 | 3504G3A1K05FTDF | 3504G 3A 1K05 1% 1K RL | PRODUCTION |
| 2-2176530-9 | 3504G3A1K07FTDF | 3504G 3A 1K07 1% 1K RL | PRODUCTION |
| 3-2176530-0 | 3504G3A1K1FTDF | 3504G 3A 1K1 1% 1K RL | PRODUCTION |

| SCHEDULE | | | |
|---|---|---|---|
| TCPN | CATALOGUE NUMBER | PART DESCRIPTION | PART STATUS |
| 3-2176530-1 | 3504G3A1K13FTDF | 3504G 3A 1K13 1% 1K RL | PRODUCTION |
| 3-2176530-2 | 3504G3A1K15FTDF | 3504G 3A 1K15 1% 1K RL | PRODUCTION |
| 3-2176530-3 | 3504G3A1K18FTDF | 3504G 3A 1K18 1% 1K RL | PRODUCTION |
| 3-2176530-4 | 3504G3A1K21FTDF | 3504G 3A 1K21 1% 1K RL | PRODUCTION |
| 3-2176530-5 | 3504G3A1K24FTDF | 3504G 3A 1K24 1% 1K RL | PRODUCTION |
| 3-2176530-6 | 3504G3A1K27FTDF | 3504G 3A 1K27 1% 1K RL | PRODUCTION |
| 3-2176530-7 | 3504G3A1K3FTDF | 3504G 3A 1K3 1% 1K RL | PRODUCTION |
| 3-2176530-8 | 3504G3A1K33FTDF | 3504G 3A 1K33 1% 1K RL | PRODUCTION |
| 3-2176530-9 | 3504G3A1K37FTDF | 3504G 3A 1K37 1% 1K RL | PRODUCTION |
| 4-2176530-0 | 3504G3A1K4FTDF | 3504G 3A 1K4 1% 1K RL | PRODUCTION |
| 4-2176530-1 | 3504G3A1K43FTDF | 3504G 3A 1K43 1% 1K RL | PRODUCTION |
| 4-2176530-2 | 3504G3A1K47FTDF | 3504G 3A 1K47 1% 1K RL | PRODUCTION |
| 4-2176530-3 | 3504G3A1K5FTDF | 3504G 3A 1K5 1% 1K RL | PRODUCTION |
| 4-2176530-4 | 3504G3A1K54FTDF | 3504G 3A 1K54 1% 1K RL | PRODUCTION |
| 4-2176530-5 | 3504G3A1K58FTDF | 3504G 3A 1K58 1% 1K RL | PRODUCTION |
| 4-2176530-6 | 3504G3A1K62FTDF | 3504G 3A 1K62 1% 1K RL | PRODUCTION |
| 4-2176530-7 | 3504G3A1K65FTDF | 3504G 3A 1K65 1% 1K RL | PRODUCTION |
| 4-2176530-8 | 3504G3A1K69FTDF | 3504G 3A 1K69 1% 1K RL | PRODUCTION |
| 4-2176530-9 | 3504G3A1K74FTDF | 3504G 3A 1K74 1% 1K RL | PRODUCTION |
| 5-2176530-0 | 3504G3A1K78FTDF | 3504G 3A 1K78 1% 1K RL | PRODUCTION |
| 5-2176530-1 | 3504G3A1K82FTDF | 3504G 3A 1K82 1% 1K RL | PRODUCTION |
| 5-2176530-2 | 3504G3A1K87FTDF | 3504G 3A 1K87 1% 1K RL | PRODUCTION |
| 5-2176530-3 | 3504G3A1K91FTDF | 3504G 3A 1K91 1% 1K RL | PRODUCTION |
| 5-2176530-4 | 3504G3A1K96FTDF | 3504G 3A 1K96 1% 1K RL | PRODUCTION |
| 5-2176530-5 | 3504G3A2K0FTDF | 3504G 3A 2K0 1% 1K RL | PRODUCTION |
| 5-2176530-6 | 3504G3A2K05FTDF | 3504G 3A 2K05 1% 1K RL | PRODUCTION |
| 5-2176530-7 | 3504G3A2K1FTDF | 3504G 3A 2K1 1% 1K RL | PRODUCTION |
| 5-2176530-8 | 3504G3A2K15FTDF | 3504G 3A 2K15 1% 1K RL | PRODUCTION |
| 5-2176530-9 | 3504G3A2K21FTDF | 3504G 3A 2K21 1% 1K RL | PRODUCTION |
| 6-2176530-0 | 3504G3A2K26FTDF | 3504G 3A 2K26 1% 1K RL | PRODUCTION |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

| | |
|---|---|
| 0 PLC | ±0.5 |
| 1 PLC | ±0.2 |
| 2 PLC | ±0.1 |
| 3 PLC | ± - |
| 4 PLC | ± - |
| ANGLES | ±5° |

MATERIAL: - / -

FINISH: - / -

| | |
|---|---|
| DWN | LALITH G 05JUL2022 |
| CHK | ALLAN. P 05JUL2022 |
| APVD | ALLAN. P 05JUL2022 |
| PRODUCT SPEC | - |
| APPLICATION SPEC | - |
| WEIGHT | - |

TE Connectivity

NAME: ALUMINIUM NITRIDE THIN FILM POWER RESISTOR TYPE 3504 SERIES

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A3 | 00779 | C-2176530 | - |

CUSTOMER DRAWING | SCALE 25:1 | SHEET 2 OF 3 | REV A

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

| SCHEDULE | | | |
|---|---|---|---|
| TCPN | CATALOGUE NUMBER | PART DESCRIPTION | PART STATUS |
| 6-2176530-1 | 3504G3A2K32FTDF | 3504G 3A 2K32 1% 1K RL | PRODUCTION |
| 6-2176530-2 | 3504G3A2K37FTDF | 3504G 3A 2K37 1% 1K RL | PRODUCTION |
| 6-2176530-3 | 3504G3A2K43FTDF | 3504G 3A 2K43 1% 1K RL | PRODUCTION |
| 6-2176530-4 | 3504G3A2K49FTDF | 3504G 3A 2K49 1% 1K RL | PRODUCTION |
| 6-2176530-5 | 3504G3A2K55FTDF | 3504G 3A 2K55 1% 1K RL | PRODUCTION |
| 6-2176530-6 | 3504G3A2K61FTDF | 3504G 3A 2K61 1% 1K RL | PRODUCTION |
| 6-2176530-7 | 3504G3A2K67FTDF | 3504G 3A 2K67 1% 1K RL | PRODUCTION |
| 6-2176530-8 | 3504G3A2K74FTDF | 3504G 3A 2K74 1% 1K RL | PRODUCTION |
| 6-2176530-9 | 3504G3A2K8FTDF | 3504G 3A 2K8 1% 1K RL | PRODUCTION |
| 7-2176530-0 | 3504G3A2K87FTDF | 3504G 3A 2K87 1% 1K RL | PRODUCTION |
| 7-2176530-1 | 3504G3A2K94FTDF | 3504G 3A 2K94 1% 1K RL | PRODUCTION |
| 7-2176530-2 | 3504G3A3K01FTDF | 3504G 3A 3K01 1% 1K RL | PRODUCTION |
| 7-2176530-3 | 3504G3A3K09FTDF | 3504G 3A 3K09 1% 1K RL | PRODUCTION |
| 7-2176530-4 | 3504G3A3K16FTDF | 3504G 3A 3K16 1% 1K RL | PRODUCTION |
| 7-2176530-5 | 3504G3A3K24FTDF | 3504G 3A 3K24 1% 1K RL | PRODUCTION |
| 7-2176530-6 | 3504G3A3K32FTDF | 3504G 3A 3K32 1% 1K RL | PRODUCTION |
| 7-2176530-7 | 3504G3A3K4FTDF | 3504G 3A 3K4 1% 1K RL | PRODUCTION |
| 7-2176530-8 | 3504G3A3K48FTDF | 3504G 3A 3K48 1% 1K RL | PRODUCTION |
| 7-2176530-9 | 3504G3A3K57FTDF | 3504G 3A 3K57 1% 1K RL | PRODUCTION |
| 8-2176530-0 | 3504G3A3K65FTDF | 3504G 3A 3K65 1% 1K RL | PRODUCTION |
| 8-2176530-1 | 3504G3A3K74FTDF | 3504G 3A 3K74 1% 1K RL | PRODUCTION |
| 8-2176530-2 | 3504G3A3K83FTDF | 3504G 3A 3K83 1% 1K RL | PRODUCTION |
| 8-2176530-3 | 3504G3A3K92FTDF | 3504G 3A 3K92 1% 1K RL | PRODUCTION |
| 8-2176530-4 | 3504G3A4K02FTDF | 3504G 3A 4K02 1% 1K RL | PRODUCTION |
| 8-2176530-5 | 3504G3A4K12FTDF | 3504G 3A 4K12 1% 1K RL | PRODUCTION |
| 8-2176530-6 | 3504G3A4K22FTDF | 3504G 3A 4K22 1% 1K RL | PRODUCTION |
| 8-2176530-7 | 3504G3A4K32FTDF | 3504G 3A 4K32 1% 1K RL | PRODUCTION |
| 8-2176530-8 | 3504G3A4K42FTDF | 3504G 3A 4K42 1% 1K RL | PRODUCTION |
| 8-2176530-9 | 3504G3A4K53FTDF | 3504G 3A 4K53 1% 1K RL | PRODUCTION |
| 9-2176530-0 | 3504G3A4K64FTDF | 3504G 3A 4K64 1% 1K RL | PRODUCTION |
| 9-2176530-1 | 3504G3A4K75FTDF | 3504G 3A 4K75 1% 1K RL | PRODUCTION |
| 9-2176530-2 | 3504G3A4K87FTDF | 3504G 3A 4K87 1% 1K RL | PRODUCTION |
| 9-2176530-3 | 3504G3A4K99FTDF | 3504G 3A 4K99 1% 1K RL | PRODUCTION |
| 9-2176530-4 | 3504G3A5K11FTDF | 3504G 3A 5K11 1% 1K RL | PRODUCTION |
| 9-2176530-5 | 3504G3A5K23FTDF | 3504G 3A 5K23 1% 1K RL | PRODUCTION |
| 9-2176530-6 | 3504G3A5K36FTDF | 3504G 3A 5K36 1% 1K RL | PRODUCTION |
| 9-2176530-7 | 3504G3A5K49FTDF | 3504G 3A 5K49 1% 1K RL | PRODUCTION |
| 9-2176530-8 | 3504G3A5K62FTDF | 3504G 3A 5K62 1% 1K RL | PRODUCTION |
| 9-2176530-9 | 3504G3A5K76FTDF | 3504G 3A 5K76 1% 1K RL | PRODUCTION |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

| | |
|---|---|
| 0 PLC | ±0.5 |
| 1 PLC | ±0.2 |
| 2 PLC | ±0.1 |
| 3 PLC | ±- |
| 4 PLC | ±- |
| ANGLES | ±5° |

MATERIAL: - / -

FINISH: - / -

| | | |
|---|---|---|
| DWN | LALITH G | 05JUL2022 |
| CHK | ALLAN. P | 05JUL2022 |
| APVD | ALLAN. P | 05JUL2022 |
| PRODUCT SPEC | - | |
| APPLICATION SPEC | - | |
| WEIGHT | - | |

TE Connectivity

NAME: ALUMINIUM NITRIDE THIN FILM POWER RESISTOR TYPE 3504 SERIES

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A3 | 00779 | C-2176530 | - |

CUSTOMER DRAWING

SCALE 25:1 | SHEET 3 OF 3 | REV A

# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## TE Connectivity:

2005330-1 917696-1 1393431-1 2834055-1 SBCHE154R7K SBCHE64R7K SMW73R0JT 1-962915-1
936348-1 CPF0402B37K4E1 CRGCQ2010J3K3 1-794222-0 175977-2 1969656-1 RH73H2A40MKTN
U5254-000005-030PA 1743455-2 2310537-1 3430B2F51RTDF 3631B101LL 2380312-2 650075-000
1903112-2 TE50BR39J 141991-2 2-292161-3 2377783-2 3-1393225-0 MPT100C18RF ROX05SJ18R