

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------------------|-----------|-----|------|
| | A | INITIAL DRAWING RELEASE | 20MAR2024 | DM | AP |
| | | | | | |
| | | | | | |
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NOTES:

1 FOR FURTHER INFORMATION SEE DATA SHEET FOR HS SERIES-ALUMINIUM HOUSED RESISTORS

2 FOR A SPECIFIC PN FOR A RESISTANCE VALUE AND TOLERANCE, PLEASE REFER TO TE.COM

3 TECHNICAL SPECIFICATION

DISSIPATION AT 25°C : 150 WATTS MOUNTED ON STANDARD HEATSINK

RESISTANCE RANGE : R10 TO 100K

STABILITY : $\Delta R < = 2\%$ PER 1000Hrs

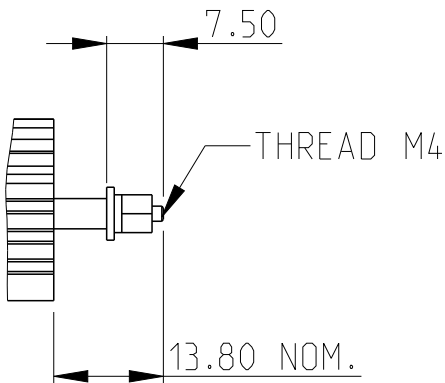
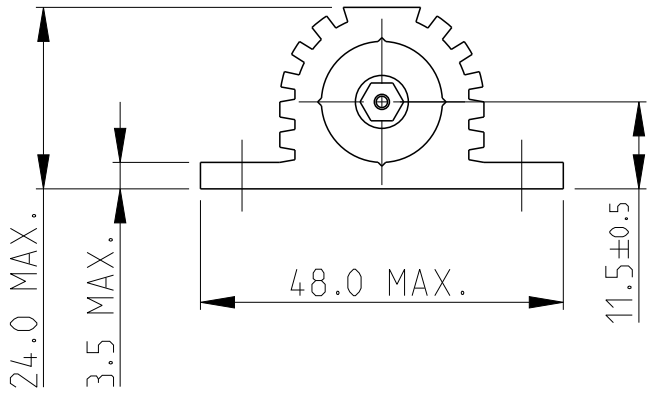
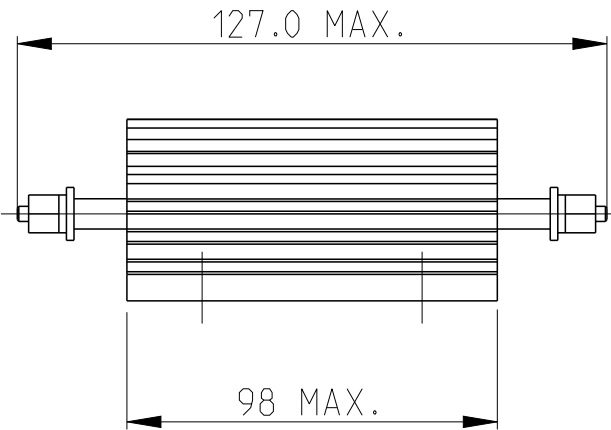
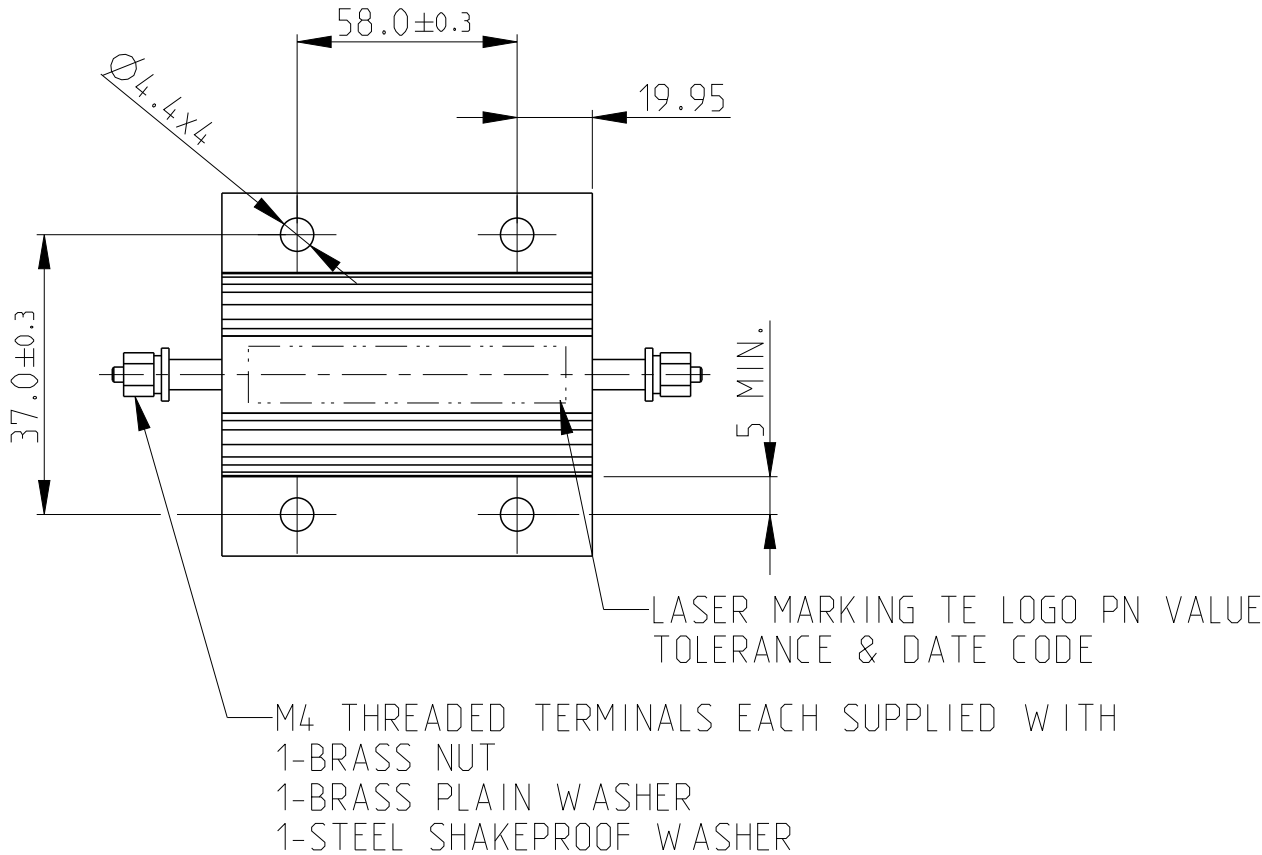
ISOLATION VOLTAGE : 3500V DC/AC pk

MAX. WORKING VOLTAGE : 2500V DC/AC rms

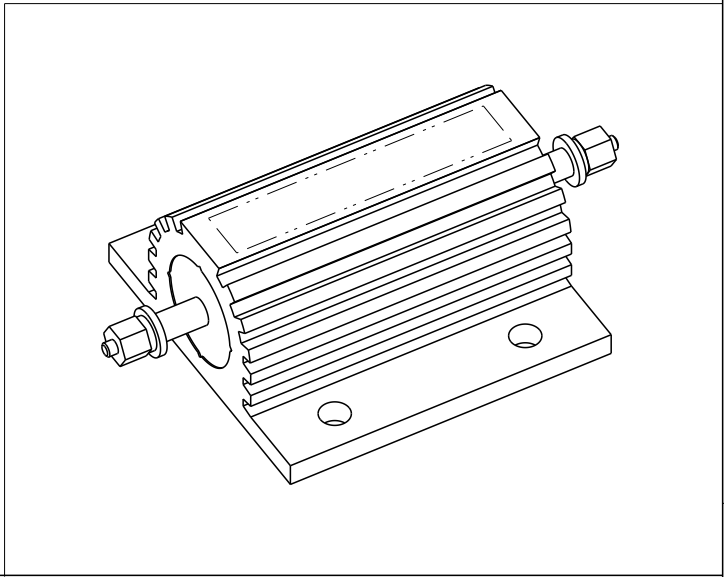
TEMP COEFFICIENT : $\leq 100R$, 50ppm


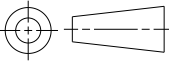
$> 100R$, 25ppm

CLIMATIC CATEGORY : 55/200/56



RoHS Compliant



| | | | | | |
|---|--|-------------------------------|---|--------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN DHEERAJ M 20MAR2024 |  TE Connectivity | | |
| DIMENSIONS: mm | | CHK TRACY G 20MAR2024 | | | |
|  | | APVD ALLAN P 20MAR2024 | NAME ALUMINIUM HOUSED POWER RESISTORS TYPE HSC150S SCREW TERMINAL SERIES | | |
| | | PRODUCT SPEC | | | |
| | | APPLICATION SPEC | | | |
| MATERIAL | | WEIGHT | SIZE A3 | CAGE CODE 00779 | DRAWING NO C-2176732 |
| | | FINISH | RESTRICTED TO | | |
| | | | SCALE 1:1 SHEET 1 OF 4 REV A | | |
| | | | CUSTOMER DRAWING | | |

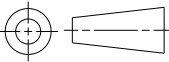
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| | - | SEE SHEET 1 | - | - | - |
| | | | | | |
| | | | | | |
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| SCHEDULE | | | |
|-------------|------------------|--------------------------------|-------------|
| TCPN | CATALOGUE NUMBER | PART DESCRIPTION | PART STATUS |
| 2176732-1 | HSC 150SR10J | HSC 150S R10 5% SCREW TERMINAL | PRODUCTION |
| 2176732-2 | HSC 150SR12J | HSC 150S R12 5% SCREW TERMINAL | PRODUCTION |
| 2176732-3 | HSC 150SR15J | HSC 150S R15 5% SCREW TERMINAL | PRODUCTION |
| 2176732-4 | HSC 150SR18J | HSC 150S R18 5% SCREW TERMINAL | PRODUCTION |
| 2176732-5 | HSC 150SR22J | HSC 150S R22 5% SCREW TERMINAL | PRODUCTION |
| 2176732-6 | HSC 150SR27J | HSC 150S R27 5% SCREW TERMINAL | PRODUCTION |
| 2176732-7 | HSC 150SR33J | HSC 150S R33 5% SCREW TERMINAL | PRODUCTION |
| 2176732-8 | HSC 150SR39J | HSC 150S R39 5% SCREW TERMINAL | PRODUCTION |
| 2176732-9 | HSC 150SR47J | HSC 150S R47 5% SCREW TERMINAL | PRODUCTION |
| 1-2176732-0 | HSC 150SR56J | HSC 150S R56 5% SCREW TERMINAL | PRODUCTION |
| 1-2176732-1 | HSC 150SR68J | HSC 150S R68 5% SCREW TERMINAL | PRODUCTION |
| 1-2176732-2 | HSC 150SR82J | HSC 150S R82 5% SCREW TERMINAL | PRODUCTION |
| 1-2176732-3 | HSC 150S1R0J | HSC 150S 1R0 5% SCREW TERMINAL | PRODUCTION |
| 1-2176732-4 | HSC 150S1R2J | HSC 150S 1R2 5% SCREW TERMINAL | PRODUCTION |
| 1-2176732-5 | HSC 150S1R5J | HSC 150S 1R5 5% SCREW TERMINAL | PRODUCTION |
| 1-2176732-6 | HSC 150S1R8J | HSC 150S 1R8 5% SCREW TERMINAL | PRODUCTION |
| 1-2176732-7 | HSC 150S2R2J | HSC 150S 2R2 5% SCREW TERMINAL | PRODUCTION |
| 1-2176732-8 | HSC 150S2R7J | HSC 150S 2R7 5% SCREW TERMINAL | PRODUCTION |
| 1-2176732-9 | HSC 150S3R3J | HSC 150S 3R3 5% SCREW TERMINAL | PRODUCTION |
| 2-2176732-0 | HSC 150S3R9J | HSC 150S 3R9 5% SCREW TERMINAL | PRODUCTION |
| 2-2176732-1 | HSC 150S4R7J | HSC 150S 4R7 5% SCREW TERMINAL | PRODUCTION |
| 2-2176732-2 | HSC 150S5R6J | HSC 150S 5R6 5% SCREW TERMINAL | PRODUCTION |
| 2-2176732-3 | HSC 150S6R8J | HSC 150S 6R8 5% SCREW TERMINAL | PRODUCTION |
| 2-2176732-4 | HSC 150S8R2J | HSC 150S 8R2 5% SCREW TERMINAL | PRODUCTION |
| 2-2176732-5 | HSC 150S10RJ | HSC 150S 10R 5% SCREW TERMINAL | 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

-

-

DWN
DHEERAJ M
20MAR2024

CHK
TRACY G
20MAR2024

APVD
ALLAN P
20MAR2024

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

NAME
ALUMINIUM HOUSED POWER RESISTORS
TYPE HSC150S SCREW TERMINAL SERIES

SIZE
A 3

CAGE CODE
00779

DRAWING NO
C-2176732

RESTRICTED TO
-

SCALE
1:1

SHEET
2 OF 4


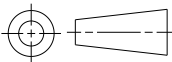
REV
A

1470-19 (3/13)

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| | - | SEE SHEET 1 | - | - | - |
| | | | | | |
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| SCHEDULE | | | |
|-------------|------------------|---------------------------------|-------------|
| TCPN | CATALOGUE NUMBER | PART DESCRIPTION | PART STATUS |
| 2-2176732-6 | HSC 150S12RJ | HSC 150S 12R 5% SCREW TERMINAL | PRODUCTION |
| 2-2176732-7 | HSC 150S15RJ | HSC 150S 15R 5% SCREW TERMINAL | PRODUCTION |
| 2-2176732-8 | HSC 150S18RJ | HSC 150S 18R 5% SCREW TERMINAL | PRODUCTION |
| 2-2176732-9 | HSC 150S22RJ | HSC 150S 22R 5% SCREW TERMINAL | PRODUCTION |
| 3-2176732-0 | HSC 150S27RJ | HSC 150S 27R 5% SCREW TERMINAL | PRODUCTION |
| 3-2176732-1 | HSC 150S33RJ | HSC 150S 33R 5% SCREW TERMINAL | PRODUCTION |
| 3-2176732-2 | HSC 150S39RJ | HSC 150S 39R 5% SCREW TERMINAL | PRODUCTION |
| 3-2176732-3 | HSC 150S47RJ | HSC 150S 47R 5% SCREW TERMINAL | PRODUCTION |
| 3-2176732-4 | HSC 150S56RJ | HSC 150S 56R 5% SCREW TERMINAL | PRODUCTION |
| 3-2176732-5 | HSC 150S68RJ | HSC 150S 68R 5% SCREW TERMINAL | PRODUCTION |
| 3-2176732-6 | HSC 150S82RJ | HSC 150S 82R 5% SCREW TERMINAL | PRODUCTION |
| 3-2176732-7 | HSC 150S100RJ | HSC 150S 100R 5% SCREW TERMINAL | PRODUCTION |
| 3-2176732-8 | HSC 150S120RJ | HSC 150S 120R 5% SCREW TERMINAL | PRODUCTION |
| 3-2176732-9 | HSC 150S150RJ | HSC 150S 150R 5% SCREW TERMINAL | PRODUCTION |
| 4-2176732-0 | HSC 150S180RJ | HSC 150S 180R 5% SCREW TERMINAL | PRODUCTION |
| 4-2176732-1 | HSC 150S220RJ | HSC 150S 220R 5% SCREW TERMINAL | PRODUCTION |
| 4-2176732-2 | HSC 150S270RJ | HSC 150S 270R 5% SCREW TERMINAL | PRODUCTION |
| 4-2176732-3 | HSC 150S330RJ | HSC 150S 330R 5% SCREW TERMINAL | PRODUCTION |
| 4-2176732-4 | HSC 150S390RJ | HSC 150S 390R 5% SCREW TERMINAL | PRODUCTION |
| 4-2176732-5 | HSC 150S470RJ | HSC 150S 470R 5% SCREW TERMINAL | PRODUCTION |
| 4-2176732-6 | HSC 150S560RJ | HSC 150S 560R 5% SCREW TERMINAL | PRODUCTION |
| 4-2176732-7 | HSC 150S680RJ | HSC 150S 680R 5% SCREW TERMINAL | PRODUCTION |
| 4-2176732-8 | HSC 150S820RJ | HSC 150S 820R 5% SCREW TERMINAL | PRODUCTION |
| 4-2176732-9 | HSC 150S1K0J | HSC 150S 1K0 5% SCREW TERMINAL | PRODUCTION |
| 5-2176732-0 | HSC 150S1K2J | HSC 150S 1K2 5% SCREW TERMINAL | PRODUCTION |

| | | | | | |
|---|--|-------------------------------|---|-------------------------|--------------------|
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| | | CHK TRACY G 20MAR2024 | | | |
| DIMENSIONS: mm | | APVD ALLAN P 20MAR2024 | NAME ALUMINIUM HOUSED POWER RESISTORS TYPE HSC150S SCREW TERMINAL SERIES | | |
|  | | PRODUCT SPEC - | SIZE A 3 | | |
| | | APPLICATION SPEC - | | | |
| MATERIAL - | | WEIGHT - | CAGE CODE 00779 | DRAWING NO C-2176732 | RESTRICTED TO - |
| CUSTOMER DRAWING | | | SCALE 1:1 | SHEET 3 OF 4 | REV A |

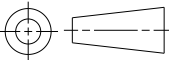
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| SCHEDULE | | | |
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| TCPN | CATALOGUE NUMBER | PART DESCRIPTION | PART STATUS |
| 5-2176732-1 | HSC 150S1K5J | HSC 150S 1K5 5% SCREW TERMINAL | PRODUCTION |
| 5-2176732-2 | HSC 150S1K8J | HSC 150S 1K8 5% SCREW TERMINAL | PRODUCTION |
| 5-2176732-3 | HSC 150S2K2J | HSC 150S 2K2 5% SCREW TERMINAL | PRODUCTION |
| 5-2176732-4 | HSC 150S2K7J | HSC 150S 2K7 5% SCREW TERMINAL | PRODUCTION |
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| 5-2176732-6 | HSC 150S3K9J | HSC 150S 3K9 5% SCREW TERMINAL | PRODUCTION |
| 5-2176732-7 | HSC 150S4K7J | HSC 150S 4K7 5% SCREW TERMINAL | PRODUCTION |
| 5-2176732-8 | HSC 150S5K6J | HSC 150S 5K6 5% SCREW TERMINAL | PRODUCTION |
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| 6-2176732-8 | HSC 150S39KJ | HSC 150S 39K 5% SCREW TERMINAL | PRODUCTION |
| 6-2176732-9 | HSC 150S47KJ | HSC 150S 47K 5% SCREW TERMINAL | PRODUCTION |
| 7-2176732-0 | HSC 150S56KJ | HSC 150S 56K 5% SCREW TERMINAL | PRODUCTION |
| 7-2176732-1 | HSC 150S68KJ | HSC 150S 68K 5% SCREW TERMINAL | PRODUCTION |
| 7-2176732-2 | HSC 150S82KJ | HSC 150S 82K 5% SCREW TERMINAL | PRODUCTION |
| 7-2176732-3 | HSC 150S100KJ | HSC 150S 100K 5% SCREW TERMINAL | PRODUCTION |

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-

APPLICATION SPEC
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WEIGHT
-

CUSTOMER DRAWING

NAME
ALUMINIUM HOUSED POWER RESISTORS
TYPE HSC150S SCREW TERMINAL SERIES

SIZE
A3

CAGE CODE
00779


DRAWING NO
C-2176732

RESTRICTED TO
-

SCALE
1:1

SHEET
4 OF 4

REV
A

TE Connectivity

1470-19 (3/13)