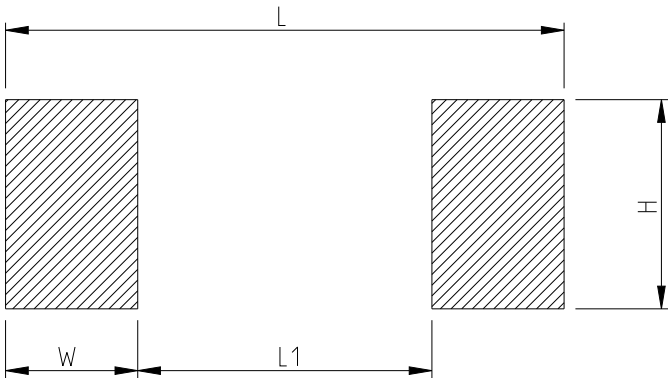


| P | LTR | DESCRIPTION | DATE      | DWN | APVD |
|---|-----|-------------|-----------|-----|------|
|   | BA  | NEW RELEASE | 15MAY2023 | DM  | AP   |
|   |     |             |           |     |      |
|   |     |             |           |     |      |
|   |     |             |           |     |      |

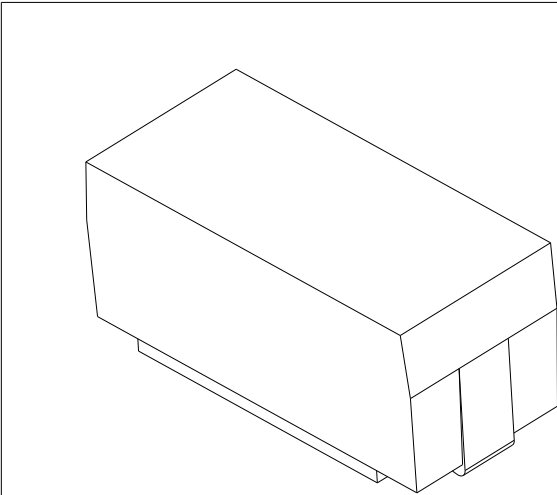
FOR FURTHER INFORMATION REFER TO SMD MOULDED POWER RESISTOR TYPE SMQ SERIES

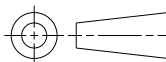
| TYPE   | RATED POWER | A±0.3 (mm) | B±0.3 (mm) | C±0.3 (mm) | D±0.3 (mm) | E Max. (mm) | F±0.3 (mm) |
|--------|-------------|------------|------------|------------|------------|-------------|------------|
| SMQF2W | 2W          | 5.5        | 10.5       | 1.7        | 5          | 12          | 2.3        |

RECOMMEND LAND PATTERN



| TYPE   | RATED POWER | DIMENSIONS (mm) |     |    |    |
|--------|-------------|-----------------|-----|----|----|
|        |             | W               | H   | L  | L1 |
| SMQF2W | 2W          | 4               | 3.4 | 14 | 6  |



|                                                                                       |  |                                                                         |  |                                                                              |           |            |               |                 |           |
|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------|--|------------------------------------------------------------------------------|-----------|------------|---------------|-----------------|-----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>DHEERAJ M15MAY2023                                               |  | <div>TE</div> TE Connectivity                                                |           |            |               |                 |           |
|                                                                                       |  | CHK<br>ALLAN P15MAY2023                                                 |  |                                                                              |           |            |               |                 |           |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                               |  | NAME<br>SMD MOULDED POWER RESISTORS AEC-Q200<br>QUALIFIED TYPE SMQF2W SERIES |           |            |               |                 |           |
|  |  | 0 PLC ±0.2<br>1 PLC ±0.1<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±5° |  |                                                                              |           |            |               |                 |           |
| MATERIAL                                                                              |  | FINISH                                                                  |  | SIZE                                                                         | CAGE CODE | DRAWING NO | RESTRICTED TO |                 |           |
| -                                                                                     |  | -                                                                       |  | A3                                                                           | 00779     | C-2176619  | -             |                 |           |
| -                                                                                     |  | -                                                                       |  | CUSTOMER DRAWING                                                             |           |            | SCALE<br>5:1  | SHEET<br>1 OF 3 | REV<br>BA |

REVISIONS

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

SCHEDULE

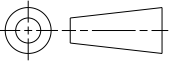
| TCPN        | CATALOGUE NUMBER | PART DESCRIPTION | PART STATUS |
|-------------|------------------|------------------|-------------|
| 2176619-1   | SMQF2330RJT      | SMQF2W 330R 5%   | PRODUC TION |
| 2176619-2   | SMQF2360RJT      | SMQF2W 360R 5%   | PRODUC TION |
| 2176619-3   | SMQF2390RJT      | SMQF2W 390R 5%   | PRODUC TION |
| 2176619-4   | SMQF2430RJT      | SMQF2W 430R 5%   | PRODUC TION |
| 2176619-5   | SMQF2470RJT      | SMQF2W 470R 5%   | PRODUC TION |
| 2176619-6   | SMQF2510RJT      | SMQF2W 510R 5%   | PRODUC TION |
| 2176619-7   | SMQF2560RJT      | SMQF2W 560R 5%   | PRODUC TION |
| 2176619-8   | SMQF2620RJT      | SMQF2W 620R 5%   | PRODUC TION |
| 2176619-9   | SMQF2680RJT      | SMQF2W 680R 5%   | PRODUC TION |
| 1-2176619-0 | SMQF2750RJT      | SMQF2W 750R 5%   | PRODUC TION |
| 1-2176619-1 | SMQF2820RJT      | SMQF2W 820R 5%   | PRODUC TION |
| 1-2176619-2 | SMQF2910RJT      | SMQF2W 910R 5%   | PRODUC TION |
| 1-2176619-3 | SMQF21K0JT       | SMQF2W 1K0 5%    | PRODUC TION |
| 1-2176619-4 | SMQF21K1JT       | SMQF2W 1K1 5%    | PRODUC TION |
| 1-2176619-5 | SMQF21K2JT       | SMQF2W 1K2 5%    | PRODUC TION |
| 1-2176619-6 | SMQF21K3JT       | SMQF2W 1K3 5%    | PRODUC TION |
| 1-2176619-7 | SMQF21K5JT       | SMQF2W 1K5 5%    | PRODUC TION |
| 1-2176619-8 | SMQF21K6JT       | SMQF2W 1K6 5%    | PRODUC TION |
| 1-2176619-9 | SMQF21K8JT       | SMQF2W 1K8 5%    | PRODUC TION |
| 2-2176619-0 | SMQF22K0JT       | SMQF2W 2K0 5%    | PRODUC TION |
| 2-2176619-1 | SMQF22K2JT       | SMQF2W 2K2 5%    | PRODUC TION |
| 2-2176619-2 | SMQF22K4JT       | SMQF2W 2K4 5%    | PRODUC TION |
| 2-2176619-3 | SMQF22K7JT       | SMQF2W 2K7 5%    | PRODUC TION |
| 2-2176619-4 | SMQF23K0JT       | SMQF2W 3K0 5%    | PRODUC TION |
| 2-2176619-5 | SMQF23K3JT       | SMQF2W 3K3 5%    | PRODUC TION |
| 2-2176619-6 | SMQF23K6JT       | SMQF2W 3K6 5%    | PRODUC TION |
| 2-2176619-7 | SMQF23K9JT       | SMQF2W 3K9 5%    | PRODUC TION |
| 2-2176619-8 | SMQF24K3JT       | SMQF2W 4K3 5%    | PRODUC TION |
| 2-2176619-9 | SMQF24K7JT       | SMQF2W 4K7 5%    | PRODUC TION |
| 3-2176619-0 | SMQF25K1JT       | SMQF2W 5K1 5%    | PRODUC TION |
| 3-2176619-1 | SMQF25K6JT       | SMQF2W 5K6 5%    | PRODUC TION |

SCHEDULE

| TCPN        | CATALOGUE NUMBER | PART DESCRIPTION | PART STATUS |
|-------------|------------------|------------------|-------------|
| 3-2176619-2 | SMQF26K2JT       | SMQF2W 6K2 5%    | PRODUC TION |
| 3-2176619-3 | SMQF26K8JT       | SMQF2W 6K8 5%    | PRODUC TION |
| 3-2176619-4 | SMQF27K5JT       | SMQF2W 7K5 5%    | PRODUC TION |
| 3-2176619-5 | SMQF28K2JT       | SMQF2W 8K2 5%    | PRODUC TION |
| 3-2176619-6 | SMQF29K1JT       | SMQF2W 9K1 5%    | PRODUC TION |
| 3-2176619-7 | SMQF210KJT       | SMQF2W 10K 5%    | PRODUC TION |
| 3-2176619-8 | SMQF211KJT       | SMQF2W 11K 5%    | PRODUC TION |
| 3-2176619-9 | SMQF212KJT       | SMQF2W 12K 5%    | PRODUC TION |
| 4-2176619-0 | SMQF213KJT       | SMQF2W 13K 5%    | PRODUC TION |
| 4-2176619-1 | SMQF215KJT       | SMQF2W 15K 5%    | PRODUC TION |
| 4-2176619-2 | SMQF216KJT       | SMQF2W 16K 5%    | PRODUC TION |
| 4-2176619-3 | SMQF218KJT       | SMQF2W 18K 5%    | PRODUC TION |
| 4-2176619-4 | SMQF220KJT       | SMQF2W 20K 5%    | PRODUC TION |
| 4-2176619-5 | SMQF222KJT       | SMQF2W 22K 5%    | PRODUC TION |
| 4-2176619-6 | SMQF224KJT       | SMQF2W 24K 5%    | PRODUC TION |
| 4-2176619-7 | SMQF227KJT       | SMQF2W 27K 5%    | PRODUC TION |
| 4-2176619-8 | SMQF230KJT       | SMQF2W 30K 5%    | PRODUC TION |
| 4-2176619-9 | SMQF233KJT       | SMQF2W 33K 5%    | PRODUC TION |
| 5-2176619-0 | SMQF236KJT       | SMQF2W 36K 5%    | PRODUC TION |
| 5-2176619-1 | SMQF239KJT       | SMQF2W 39K 5%    | PRODUC TION |
| 5-2176619-2 | SMQF243KJT       | SMQF2W 43K 5%    | PRODUC TION |
| 5-2176619-3 | SMQF247KJT       | SMQF2W 47K 5%    | PRODUC TION |
| 5-2176619-4 | SMQF251KJT       | SMQF2W 51K 5%    | PRODUC TION |
| 5-2176619-5 | SMQF256KJT       | SMQF2W 56K 5%    | PRODUC TION |
| 5-2176619-6 | SMQF262KJT       | SMQF2W 62K 5%    | PRODUC TION |
| 5-2176619-7 | SMQF268KJT       | SMQF2W 68K 5%    | PRODUC TION |
| 5-2176619-8 | SMQF275KJT       | SMQF2W 75K 5%    | PRODUC TION |
| 5-2176619-9 | SMQF282KJT       | SMQF2W 82K 5%    | PRODUC TION |
| 6-2176619-0 | SMQF291KJT       | SMQF2W 91K 5%    | PRODUC TION |
| 6-2176619-1 | SMQF2100KJT      | SMQF2W 100K 5%   | PRODUC TION |
| 6-2176619-2 | SMQF2110KJT      | SMQF2W 110K 5%   | PRODUC TION |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm



MATERIAL

-

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.2

1 PLC ±0.1

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±5°

FINISH

-

-

DWN DHEERAJ M 15MAY2023

CHK ALLAN P 15MAY2023

APVD ALLAN P 15MAY2023

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

NAME

SMD MOULDED POWER RESISTORS AEC-Q200 QUALIFIED TYPE SMQF2W SERIES

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

©-2176619

-

SCALE

5:1

SHEET

2 OF 3

REV

BA

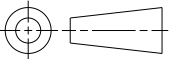
REVISIONS

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

| SCHEDULE    |                  |                  |             |
|-------------|------------------|------------------|-------------|
| TCPN        | CATALOGUE NUMBER | PART DESCRIPTION | PART STATUS |
| 6-2176619-3 | SMQF2120KJT      | SMQF2W 120K 5%   | PRODUCTION  |
| 6-2176619-4 | SMQF2130KJT      | SMQF2W 130K 5%   | PRODUCTION  |
| 6-2176619-5 | SMQF2150KJT      | SMQF2W 150K 5%   | PRODUCTION  |
| 6-2176619-6 | SMQF2160KJT      | SMQF2W 160K 5%   | PRODUCTION  |
| 6-2176619-7 | SMQF2180KJT      | SMQF2W 180K 5%   | PRODUCTION  |
| 6-2176619-8 | SMQF2200KJT      | SMQF2W 200K 5%   | PRODUCTION  |
| 6-2176619-9 | SMQF2220KJT      | SMQF2W 220K 5%   | PRODUCTION  |
| 7-2176619-0 | SMQF2240KJT      | SMQF2W 240K 5%   | PRODUCTION  |
| 7-2176619-1 | SMQF2270KJT      | SMQF2W 270K 5%   | PRODUCTION  |
| 7-2176619-2 | SMQF2300KJT      | SMQF2W 300K 5%   | PRODUCTION  |
| 7-2176619-3 | SMQF2330KJT      | SMQF2W 330K 5%   | PRODUCTION  |
| 7-2176619-4 | SMQF2360KJT      | SMQF2W 360K 5%   | PRODUCTION  |
| 7-2176619-5 | SMQF2390KJT      | SMQF2W 390K 5%   | PRODUCTION  |
| 7-2176619-6 | SMQF2430KJT      | SMQF2W 430K 5%   | PRODUCTION  |
| 7-2176619-7 | SMQF2470KJT      | SMQF2W 470K 5%   | PRODUCTION  |
| 7-2176619-8 | SMQF2510KJT      | SMQF2W 510K 5%   | PRODUCTION  |
| 7-2176619-9 | SMQF2560KJT      | SMQF2W 560K 5%   | PRODUCTION  |
| 8-2176619-0 | SMQF2620KJT      | SMQF2W 620K 5%   | PRODUCTION  |
| 8-2176619-1 | SMQF2680KJT      | SMQF2W 680K 5%   | PRODUCTION  |
| 8-2176619-2 | SMQF2750KJT      | SMQF2W 750K 5%   | PRODUCTION  |
| 8-2176619-3 | SMQF2820KJT      | SMQF2W 820K 5%   | PRODUCTION  |
| 8-2176619-4 | SMQF2910KJT      | SMQF2W 910K 5%   | PRODUCTION  |
| 8-2176619-5 | SMQF21M0JT       | SMQF2W 1M0 5%    | PRODUCTION  |
| 8-2176619-6 | SMQF21M1JT       | SMQF2W 1M1 5%    | PRODUCTION  |
| 8-2176619-7 | SMQF21M2JT       | SMQF2W 1M2 5%    | PRODUCTION  |
| 8-2176619-8 | SMQF21M3JT       | SMQF2W 1M3 5%    | PRODUCTION  |
| 8-2176619-9 | SMQF21M5JT       | SMQF2W 1M5 5%    | PRODUCTION  |
| 9-2176619-0 | SMQF21M6JT       | SMQF2W 1M6 5%    | PRODUCTION  |
| 9-2176619-1 | SMQF21M8JT       | SMQF2W 1M8 5%    | PRODUCTION  |
| 9-2176619-2 | SMQF22M0JT       | SMQF2W 2M0 5%    | PRODUCTION  |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm



MATERIAL

-

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.2

1 PLC ±0.1

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±5°

FINISH

-

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DWN  
DHEERAJ M 15MAY2023

CHK  
ALLAN P 15MAY2023

APVD  
ALLAN P 15MAY2023

PRODUCT SPEC  
-

APPLICATION SPEC  
-

WEIGHT  
-

CUSTOMER DRAWING

 TE Connectivity

NAME  
SMD MOULDED POWER RESISTORS AEC-Q200  
QUALIFIED TYPE SMQF2W SERIES

SIZE  
A3

CAGE CODE  
00779

DRAWING NO  
©-2176619

RESTRICTED TO  
-

SCALE  
5:1

SHEET  
3 OF 3

REV  
BA

1470-19 (3/13)