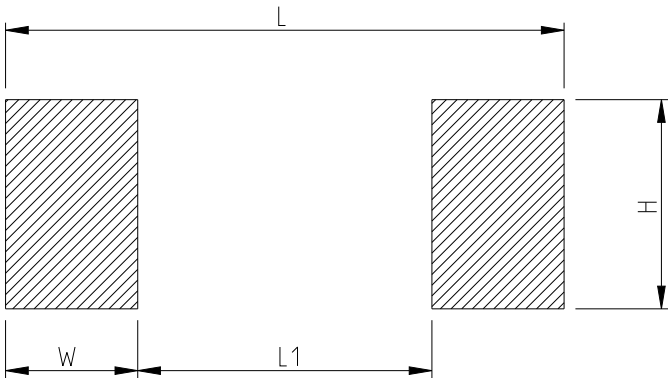


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	NEW RELEASE	15MAY2023	DM	AP

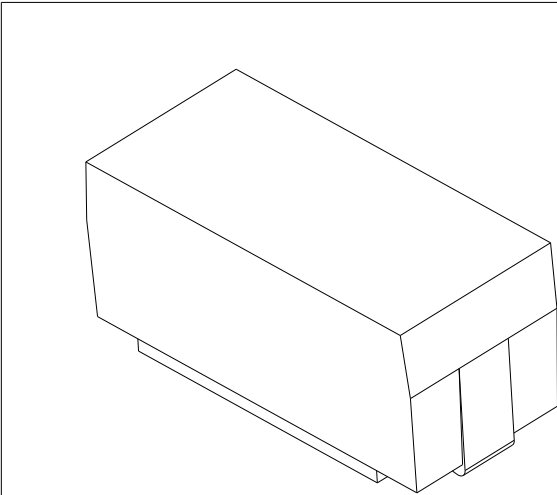
FOR FURTHER INFORMATION REFER TO SMD MOULDED POWER RESISTOR TYPE SMQ SERIES

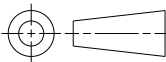
TYPE	RATED POWER	A±0.3 (mm)	B±0.3 (mm)	C±0.3 (mm)	D±0.3 (mm)	E Max. (mm)	F±0.3 (mm)
SMQF2W	2W	5.5	10.5	1.7	5	12	2.3

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 DHEERAJ M 15MAY2023	 TE Connectivity					
		CHK ALLAN P 15MAY2023						
DIMENSIONS: mm		APVD ALLAN P 15MAY2023	NAME SMD MOULDED POWER RESISTORS AEC-Q200 QUALIFIED TYPE SMQF2W SERIES					
		PRODUCT SPEC	SIZE			CAGE CODE	DRAWING NO	RESTRICTED TO
		APPLICATION SPEC	A3			00779	C=2176619	-
MATERIAL		WEIGHT	SCALE			SHEET		REV
-		-	5:1			1 OF 3		BA
-		CUSTOMER DRAWING						

REVISIONS

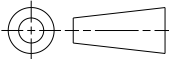
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

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.		DWN DHEERAJ M 15MAY2023	TE Connectivity		
		CHK ALLAN P 15MAY2023			
		APVD ALLAN P 15MAY2023			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME SMD MOULDED POWER RESISTORS AEC-Q200 QUALIFIED TYPE SMQF2W SERIES		
		0 PLC ±0.2 1 PLC ±0.1 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±5°	PRODUCT SPEC -		
		APPLICATION SPEC -			
MATERIAL -		FINISH -	WEIGHT -		
			CUSTOMER DRAWING		
			SCALE 5:1		
			SHEET 2 OF 3		
			REV BA		

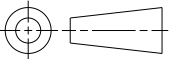
REVISIONS

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



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.2

1 PLC ±0.1

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±5°

FINISH

MATERIAL

-

-

DWN
DHEERAJ M 15MAY2023

CHK
ALLAN P 15MAY2023

APVD
ALLAN P 15MAY2023

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

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

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-2176619

RESTRICTED TO
-

SCALE
5:1

SHEET
3 OF 3

REV
BA

CUSTOMER DRAWING

1470-19 (3/13)

Mouser Electronics

Authorized Distributor

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[1-2176619-3](#) [3-2176619-7](#) [6-2176619-1](#) [8-2176619-5](#) [9-2176619-2](#) [1-2176619-1](#) [2176619-1](#) [2176619-3](#) [2176619-](#)
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