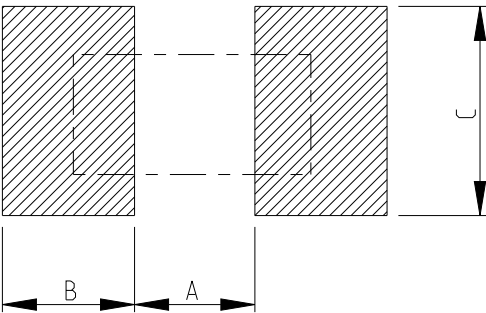


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	29NOV2023	DM	AP

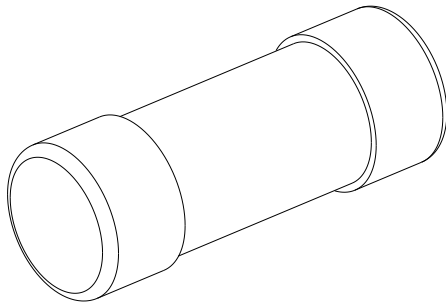
FOR FURTHER INFORMATION SEE DATA SHEET OF METAL FILM PRECISION
MELF RESISTOR AEC-Q200 QUALIFIED TYPE SMA-Q SERIES

RECOMMENDED LAND PATTERN



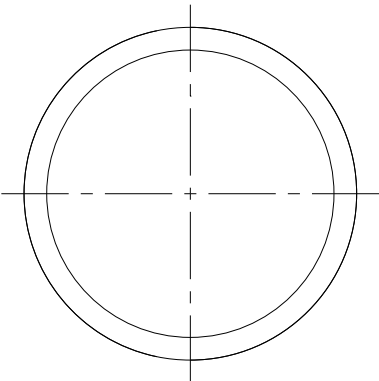
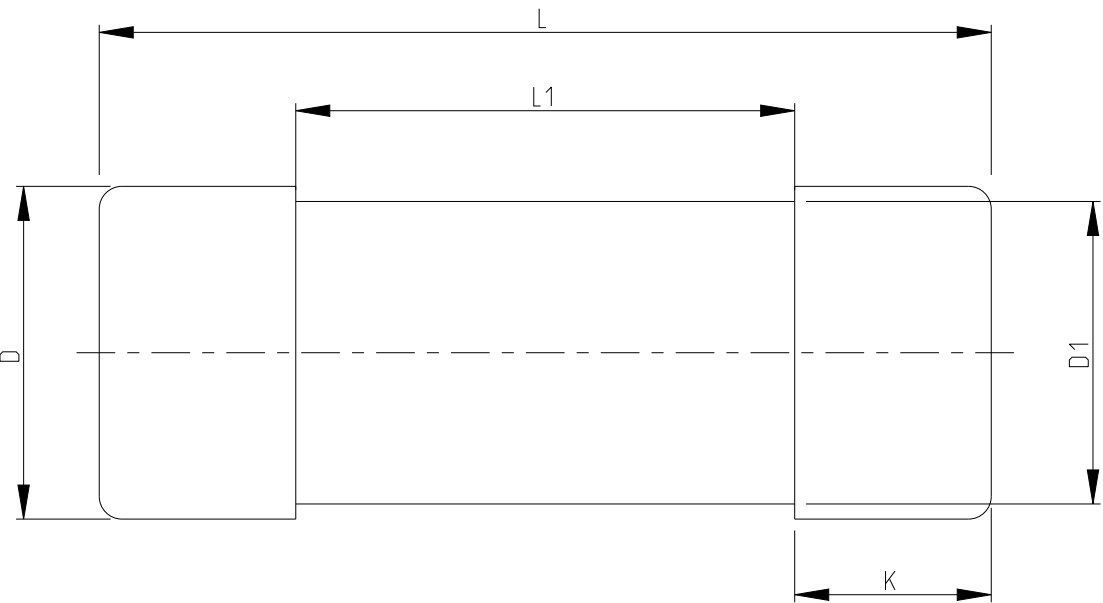
SIZE	A (mm)	B (mm)	C (mm)
SMA-Q 0207	3.0	1.7	2.4

RoHS Compliant



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M 29NOV2023	 TE Connectivity		
		CHK TRACY G 29NOV2023			
		APVD ALLAN P 29NOV2023	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0207 SERIES		
		PRODUCT SPEC			
		APPLICATION SPEC	SIZE A3 CAGE CODE 00779 DRAWING NO C=2176671		
		WEIGHT			
		CUSTOMER DRAWING	SCALE 20:1	SHEET 1 OF 3	REV BA

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



TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0207	5.9±0.2	2.9	2.2±0.2	D +0/-0.2	1.3±0.1	80.9

REVISIONS

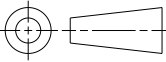
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176671-1	SMA-Q0207FTDT2R15	MELF SMA-Q 2R15 1% 50PPM 0207 1W	PRODUCTION
2176671-2	SMA-Q0207FTDT2R21	MELF SMA-Q 2R21 1% 50PPM 0207 1W	PRODUCTION
2176671-3	SMA-Q0207FTDT2R26	MELF SMA-Q 2R26 1% 50PPM 0207 1W	PRODUCTION
2176671-4	SMA-Q0207FTDT2R32	MELF SMA-Q 2R32 1% 50PPM 0207 1W	PRODUCTION
2176671-5	SMA-Q0207FTDT2R37	MELF SMA-Q 2R37 1% 50PPM 0207 1W	PRODUCTION
2176671-6	SMA-Q0207FTDT2R43	MELF SMA-Q 2R43 1% 50PPM 0207 1W	PRODUCTION
2176671-7	SMA-Q0207FTDT2R49	MELF SMA-Q 2R49 1% 50PPM 0207 1W	PRODUCTION
2176671-8	SMA-Q0207FTDT2R55	MELF SMA-Q 2R55 1% 50PPM 0207 1W	PRODUCTION
2176671-9	SMA-Q0207FTDT2R61	MELF SMA-Q 2R61 1% 50PPM 0207 1W	PRODUCTION
1-2176671-0	SMA-Q0207FTDT2R67	MELF SMA-Q 2R67 1% 50PPM 0207 1W	PRODUCTION
1-2176671-1	SMA-Q0207FTDT2R74	MELF SMA-Q 2R74 1% 50PPM 0207 1W	PRODUCTION
1-2176671-2	SMA-Q0207FTDT2R8	MELF SMA-Q 2R8 1% 50PPM 0207 1W	PRODUCTION
1-2176671-3	SMA-Q0207FTDT2R87	MELF SMA-Q 2R87 1% 50PPM 0207 1W	PRODUCTION
1-2176671-4	SMA-Q0207FTDT2R94	MELF SMA-Q 2R94 1% 50PPM 0207 1W	PRODUCTION
1-2176671-5	SMA-Q0207FTDT3R01	MELF SMA-Q 3R01 1% 50PPM 0207 1W	PRODUCTION
1-2176671-6	SMA-Q0207FTDT3R09	MELF SMA-Q 3R09 1% 50PPM 0207 1W	PRODUCTION
1-2176671-7	SMA-Q0207FTDT3R16	MELF SMA-Q 3R16 1% 50PPM 0207 1W	PRODUCTION
1-2176671-8	SMA-Q0207FTDT3R24	MELF SMA-Q 3R24 1% 50PPM 0207 1W	PRODUCTION
1-2176671-9	SMA-Q0207FTDT3R32	MELF SMA-Q 3R32 1% 50PPM 0207 1W	PRODUCTION
2-2176671-0	SMA-Q0207FTDT3R4	MELF SMA-Q 3R4 1% 50PPM 0207 1W	PRODUCTION
2-2176671-1	SMA-Q0207FTDT3R48	MELF SMA-Q 3R48 1% 50PPM 0207 1W	PRODUCTION
2-2176671-2	SMA-Q0207FTDT3R57	MELF SMA-Q 3R57 1% 50PPM 0207 1W	PRODUCTION
2-2176671-3	SMA-Q0207FTDT3R65	MELF SMA-Q 3R65 1% 50PPM 0207 1W	PRODUCTION
2-2176671-4	SMA-Q0207FTDT3R74	MELF SMA-Q 3R74 1% 50PPM 0207 1W	PRODUCTION
2-2176671-5	SMA-Q0207FTDT3R83	MELF SMA-Q 3R83 1% 50PPM 0207 1W	PRODUCTION
2-2176671-6	SMA-Q0207FTDT3R92	MELF SMA-Q 3R92 1% 50PPM 0207 1W	PRODUCTION
2-2176671-7	SMA-Q0207FTDT4R02	MELF SMA-Q 4R02 1% 50PPM 0207 1W	PRODUCTION
2-2176671-8	SMA-Q0207FTDT4R12	MELF SMA-Q 4R12 1% 50PPM 0207 1W	PRODUCTION
2-2176671-9	SMA-Q0207FTDT4R22	MELF SMA-Q 4R22 1% 50PPM 0207 1W	PRODUCTION
3-2176671-0	SMA-Q0207FTDT4R32	MELF SMA-Q 4R32 1% 50PPM 0207 1W	PRODUCTION
3-2176671-1	SMA-Q0207FTDT4R42	MELF SMA-Q 4R42 1% 50PPM 0207 1W	PRODUCTION
3-2176671-2	SMA-Q0207FTDT4R53	MELF SMA-Q 4R53 1% 50PPM 0207 1W	PRODUCTION
3-2176671-3	SMA-Q0207FTDT4R64	MELF SMA-Q 4R64 1% 50PPM 0207 1W	PRODUCTION

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176671-4	SMA-Q0207FTDT4R75	MELF SMA-Q 4R75 1% 50PPM 0207 1W	PRODUCTION
3-2176671-5	SMA-Q0207FTDT4R87	MELF SMA-Q 4R87 1% 50PPM 0207 1W	PRODUCTION
3-2176671-6	SMA-Q0207FTDT4R99	MELF SMA-Q 4R99 1% 50PPM 0207 1W	PRODUCTION
3-2176671-7	SMA-Q0207FTDT5R11	MELF SMA-Q 5R11 1% 50PPM 0207 1W	PRODUCTION
3-2176671-8	SMA-Q0207FTDT5R23	MELF SMA-Q 5R23 1% 50PPM 0207 1W	PRODUCTION
3-2176671-9	SMA-Q0207FTDT5R36	MELF SMA-Q 5R36 1% 50PPM 0207 1W	PRODUCTION
4-2176671-0	SMA-Q0207FTDT5R49	MELF SMA-Q 5R49 1% 50PPM 0207 1W	PRODUCTION
4-2176671-1	SMA-Q0207FTDT5R62	MELF SMA-Q 5R62 1% 50PPM 0207 1W	PRODUCTION
4-2176671-2	SMA-Q0207FTDT5R76	MELF SMA-Q 5R76 1% 50PPM 0207 1W	PRODUCTION
4-2176671-3	SMA-Q0207FTDT5R9	MELF SMA-Q 5R9 1% 50PPM 0207 1W	PRODUCTION
4-2176671-4	SMA-Q0207FTDT6R04	MELF SMA-Q 6R04 1% 50PPM 0207 1W	PRODUCTION
4-2176671-5	SMA-Q0207FTDT6R19	MELF SMA-Q 6R19 1% 50PPM 0207 1W	PRODUCTION
4-2176671-6	SMA-Q0207FTDT6R34	MELF SMA-Q 6R34 1% 50PPM 0207 1W	PRODUCTION
4-2176671-7	SMA-Q0207FTDT6R49	MELF SMA-Q 6R49 1% 50PPM 0207 1W	PRODUCTION
4-2176671-8	SMA-Q0207FTDT6R65	MELF SMA-Q 6R65 1% 50PPM 0207 1W	PRODUCTION
4-2176671-9	SMA-Q0207FTDT6R81	MELF SMA-Q 6R81 1% 50PPM 0207 1W	PRODUCTION
5-2176671-0	SMA-Q0207FTDT6R98	MELF SMA-Q 6R98 1% 50PPM 0207 1W	PRODUCTION
5-2176671-1	SMA-Q0207FTDT7R15	MELF SMA-Q 7R15 1% 50PPM 0207 1W	PRODUCTION
5-2176671-2	SMA-Q0207FTDT7R32	MELF SMA-Q 7R32 1% 50PPM 0207 1W	PRODUCTION
5-2176671-3	SMA-Q0207FTDT7R5	MELF SMA-Q 7R5 1% 50PPM 0207 1W	PRODUCTION
5-2176671-4	SMA-Q0207FTDT7R68	MELF SMA-Q 7R68 1% 50PPM 0207 1W	PRODUCTION
5-2176671-5	SMA-Q0207FTDT7R87	MELF SMA-Q 7R87 1% 50PPM 0207 1W	PRODUCTION
5-2176671-6	SMA-Q0207FTDT8R06	MELF SMA-Q 8R06 1% 50PPM 0207 1W	PRODUCTION
5-2176671-7	SMA-Q0207FTDT8R25	MELF SMA-Q 8R25 1% 50PPM 0207 1W	PRODUCTION
5-2176671-8	SMA-Q0207FTDT8R45	MELF SMA-Q 8R45 1% 50PPM 0207 1W	PRODUCTION
5-2176671-9	SMA-Q0207FTDT8R66	MELF SMA-Q 8R66 1% 50PPM 0207 1W	PRODUCTION
6-2176671-0	SMA-Q0207FTDT8R87	MELF SMA-Q 8R87 1% 50PPM 0207 1W	PRODUCTION
6-2176671-1	SMA-Q0207FTDT9R09	MELF SMA-Q 9R09 1% 50PPM 0207 1W	PRODUCTION
6-2176671-2	SMA-Q0207FTDT9R31	MELF SMA-Q 9R31 1% 50PPM 0207 1W	PRODUCTION
6-2176671-3	SMA-Q0207FTDT9R53	MELF SMA-Q 9R53 1% 50PPM 0207 1W	PRODUCTION
6-2176671-4	SMA-Q0207FTDT9R76	MELF SMA-Q 9R76 1% 50PPM 0207 1W	PRODUCTION
6-2176671-5	SMA-Q0207FTDT10R	MELF SMA-Q 10R 1% 50PPM 0207 1W	PRODUCTION
6-2176671-6	SMA-Q0207FTDT10R2	MELF SMA-Q 10R2 1% 50PPM 0207 1W	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

-

-

DWN
DHEERAJ M
29NOV2023

CHK
TRACY G
29NOV2023

APVD
ALLAN P
29NOV2023

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

NAME

METAL FILM PRECISION MELF RESISTORS
AEC-Q200 QUALIFIED TYPE
SMA-Q 0207 SERIES

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

©-2176671

-

SCALE

20:1

SHEET

2 OF 3

REV

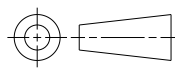
BA

1470-19 (3/13)

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176671-7	SMA-Q0207FTDT10R5	MELF SMA-Q 10R5 1% 50PPM 0207 1W	PRODUCTION
6-2176671-8	SMA-Q0207FTDT10R7	MELF SMA-Q 10R7 1% 50PPM 0207 1W	PRODUCTION
6-2176671-9	SMA-Q0207FTDT11R	MELF SMA-Q 11R 1% 50PPM 0207 1W	PRODUCTION
7-2176671-0	SMA-Q0207FTDT11R3	MELF SMA-Q 11R3 1% 50PPM 0207 1W	PRODUCTION
7-2176671-1	SMA-Q0207FTDT11R5	MELF SMA-Q 11R5 1% 50PPM 0207 1W	PRODUCTION
7-2176671-2	SMA-Q0207FTDT11R8	MELF SMA-Q 11R8 1% 50PPM 0207 1W	PRODUCTION
7-2176671-3	SMA-Q0207FTDT12R1	MELF SMA-Q 12R1 1% 50PPM 0207 1W	PRODUCTION
7-2176671-4	SMA-Q0207FTDT12R4	MELF SMA-Q 12R4 1% 50PPM 0207 1W	PRODUCTION
7-2176671-5	SMA-Q0207FTDT12R7	MELF SMA-Q 12R7 1% 50PPM 0207 1W	PRODUCTION
7-2176671-6	SMA-Q0207FTDT13R	MELF SMA-Q 13R 1% 50PPM 0207 1W	PRODUCTION
7-2176671-7	SMA-Q0207FTDT13R3	MELF SMA-Q 13R3 1% 50PPM 0207 1W	PRODUCTION
7-2176671-8	SMA-Q0207FTDT13R7	MELF SMA-Q 13R7 1% 50PPM 0207 1W	PRODUCTION
7-2176671-9	SMA-Q0207FTDT14R	MELF SMA-Q 14R 1% 50PPM 0207 1W	PRODUCTION
8-2176671-0	SMA-Q0207FTDT14R3	MELF SMA-Q 14R3 1% 50PPM 0207 1W	PRODUCTION
8-2176671-1	SMA-Q0207FTDT14R7	MELF SMA-Q 14R7 1% 50PPM 0207 1W	PRODUCTION
8-2176671-2	SMA-Q0207FTDT15R	MELF SMA-Q 15R 1% 50PPM 0207 1W	PRODUCTION
8-2176671-3	SMA-Q0207FTDT15R4	MELF SMA-Q 15R4 1% 50PPM 0207 1W	PRODUCTION
8-2176671-4	SMA-Q0207FTDT15R8	MELF SMA-Q 15R8 1% 50PPM 0207 1W	PRODUCTION
8-2176671-5	SMA-Q0207FTDT16R2	MELF SMA-Q 16R2 1% 50PPM 0207 1W	PRODUCTION
8-2176671-6	SMA-Q0207FTDT16R5	MELF SMA-Q 16R5 1% 50PPM 0207 1W	PRODUCTION
8-2176671-7	SMA-Q0207FTDT16R9	MELF SMA-Q 16R9 1% 50PPM 0207 1W	PRODUCTION
8-2176671-8	SMA-Q0207FTDT17R4	MELF SMA-Q 17R4 1% 50PPM 0207 1W	PRODUCTION
8-2176671-9	SMA-Q0207FTDT17R8	MELF SMA-Q 17R8 1% 50PPM 0207 1W	PRODUCTION
9-2176671-0	SMA-Q0207FTDT18R2	MELF SMA-Q 18R2 1% 50PPM 0207 1W	PRODUCTION
9-2176671-1	SMA-Q0207FTDT18R7	MELF SMA-Q 18R7 1% 50PPM 0207 1W	PRODUCTION
9-2176671-2	SMA-Q0207FTDT19R1	MELF SMA-Q 19R1 1% 50PPM 0207 1W	PRODUCTION
9-2176671-3	SMA-Q0207FTDT19R6	MELF SMA-Q 19R6 1% 50PPM 0207 1W	PRODUCTION
9-2176671-4	SMA-Q0207FTDT20R	MELF SMA-Q 20R 1% 50PPM 0207 1W	PRODUCTION
9-2176671-5	SMA-Q0207FTDT20R5	MELF SMA-Q 20R5 1% 50PPM 0207 1W	PRODUCTION
9-2176671-6	SMA-Q0207FTDT21R	MELF SMA-Q 21R 1% 50PPM 0207 1W	PRODUCTION
9-2176671-7	SMA-Q0207FTDT21R5	MELF SMA-Q 21R5 1% 50PPM 0207 1W	PRODUCTION
9-2176671-8	SMA-Q0207FTDT22R1	MELF SMA-Q 22R1 1% 50PPM 0207 1W	PRODUCTION
9-2176671-9	SMA-Q0207FTDT22R6	MELF SMA-Q 22R6 1% 50PPM 0207 1W	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M	29NOV2023	 TE Connectivity				
		CHK TRACY G	29NOV2023					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ALLAN P	29NOV2023	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0207 SERIES			
		0 PLC ±0.2 1 PLC ±0.1 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±5°	PRODUCT SPEC -					
MATERIAL - -	FINISH - -	APPLICATION SPEC -	SIZE A3			CAGE CODE 00779	DRAWING NO C-2176671	RESTRICTED TO -
		WEIGHT -	SCALE 20:1			SHEET 3 OF 3	REV BA	
		CUSTOMER DRAWING						