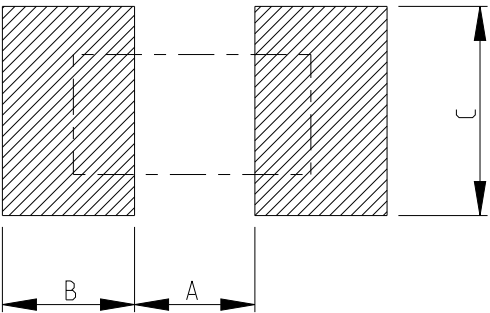


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	29NOV2023	DM	AP

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

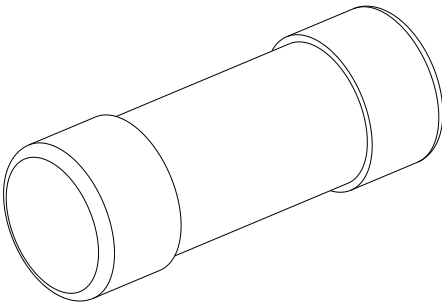
RECOMMENDED LAND PATTERN

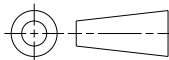


TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0207	5.9±0.2	2.9	2.2±0.2	D +0/-0.2	1.3±0.1	80.9

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			
DIMENSIONS: mm		CHK TRACY G 29NOV2023					
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.2 1 PLC ±0.1 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±5°		APVD ALLAN P 29NOV2023		NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0207 SERIES		
			PRODUCT SPEC -				
			APPLICATION SPEC -				
			- WEIGHT -				
			MATERIAL - -				
FINISH - -		CUSTOMER DRAWING		SIZE A3	CAGE CODE 00779	DRAWING NO C=2176676	RESTRICTED TO -
				SCALE 20:1	SHEET 1 OF 3	REV BA	

REVISIONS

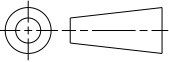
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE							
TCPN	CATALOGUE NUMBER	PART DESCRIPTION				PART STATUS	
2176676-1	SMA-Q0207FTDT309K	MELF	SMA-Q	309K	1% 50PPM 0207 1W	PRODUCTION	
2176676-2	SMA-Q0207FTDT316K	MELF	SMA-Q	316K	1% 50PPM 0207 1W	PRODUCTION	
2176676-3	SMA-Q0207FTDT324K	MELF	SMA-Q	324K	1% 50PPM 0207 1W	PRODUCTION	
2176676-4	SMA-Q0207FTDT332K	MELF	SMA-Q	332K	1% 50PPM 0207 1W	PRODUCTION	
2176676-5	SMA-Q0207FTDT340K	MELF	SMA-Q	340K	1% 50PPM 0207 1W	PRODUCTION	
2176676-6	SMA-Q0207FTDT348K	MELF	SMA-Q	348K	1% 50PPM 0207 1W	PRODUCTION	
2176676-7	SMA-Q0207FTDT357K	MELF	SMA-Q	357K	1% 50PPM 0207 1W	PRODUCTION	
2176676-8	SMA-Q0207FTDT365K	MELF	SMA-Q	365K	1% 50PPM 0207 1W	PRODUCTION	
2176676-9	SMA-Q0207FTDT374K	MELF	SMA-Q	374K	1% 50PPM 0207 1W	PRODUCTION	
1-2176676-0	SMA-Q0207FTDT383K	MELF	SMA-Q	383K	1% 50PPM 0207 1W	PRODUCTION	
1-2176676-1	SMA-Q0207FTDT392K	MELF	SMA-Q	392K	1% 50PPM 0207 1W	PRODUCTION	
1-2176676-2	SMA-Q0207FTDT402K	MELF	SMA-Q	402K	1% 50PPM 0207 1W	PRODUCTION	
1-2176676-3	SMA-Q0207FTDT412K	MELF	SMA-Q	412K	1% 50PPM 0207 1W	PRODUCTION	
1-2176676-4	SMA-Q0207FTDT422K	MELF	SMA-Q	422K	1% 50PPM 0207 1W	PRODUCTION	
1-2176676-5	SMA-Q0207FTDT432K	MELF	SMA-Q	432K	1% 50PPM 0207 1W	PRODUCTION	
1-2176676-6	SMA-Q0207FTDT442K	MELF	SMA-Q	442K	1% 50PPM 0207 1W	PRODUCTION	
1-2176676-7	SMA-Q0207FTDT453K	MELF	SMA-Q	453K	1% 50PPM 0207 1W	PRODUCTION	
1-2176676-8	SMA-Q0207FTDT464K	MELF	SMA-Q	464K	1% 50PPM 0207 1W	PRODUCTION	
1-2176676-9	SMA-Q0207FTDT475K	MELF	SMA-Q	475K	1% 50PPM 0207 1W	PRODUCTION	
2-2176676-0	SMA-Q0207FTDT487K	MELF	SMA-Q	487K	1% 50PPM 0207 1W	PRODUCTION	
2-2176676-1	SMA-Q0207FTDT499K	MELF	SMA-Q	499K	1% 50PPM 0207 1W	PRODUCTION	
2-2176676-2	SMA-Q0207FTDT511K	MELF	SMA-Q	511K	1% 50PPM 0207 1W	PRODUCTION	
2-2176676-3	SMA-Q0207FTDT523K	MELF	SMA-Q	523K	1% 50PPM 0207 1W	PRODUCTION	
2-2176676-4	SMA-Q0207FTDT536K	MELF	SMA-Q	536K	1% 50PPM 0207 1W	PRODUCTION	
2-2176676-5	SMA-Q0207FTDT549K	MELF	SMA-Q	549K	1% 50PPM 0207 1W	PRODUCTION	
2-2176676-6	SMA-Q0207FTDT562K	MELF	SMA-Q	562K	1% 50PPM 0207 1W	PRODUCTION	
2-2176676-7	SMA-Q0207FTDT576K	MELF	SMA-Q	576K	1% 50PPM 0207 1W	PRODUCTION	
2-2176676-8	SMA-Q0207FTDT590K	MELF	SMA-Q	590K	1% 50PPM 0207 1W	PRODUCTION	
2-2176676-9	SMA-Q0207FTDT604K	MELF	SMA-Q	604K	1% 50PPM 0207 1W	PRODUCTION	
3-2176676-0	SMA-Q0207FTDT619K	MELF	SMA-Q	619K	1% 50PPM 0207 1W	PRODUCTION	
3-2176676-1	SMA-Q0207FTDT634K	MELF	SMA-Q	634K	1% 50PPM 0207 1W	PRODUCTION	
3-2176676-2	SMA-Q0207FTDT649K	MELF	SMA-Q	649K	1% 50PPM 0207 1W	PRODUCTION	
3-2176676-3	SMA-Q0207FTDT665K	MELF	SMA-Q	665K	1% 50PPM 0207 1W	PRODUCTION	

SCHEDULE							
TCPN	CATALOGUE NUMBER	PART DESCRIPTION				PART STATUS	
3-2176676-4	SMA-Q0207FTDT681K	MELF	SMA-Q	681K	1% 50PPM 0207 1W	PRODUCTION	
3-2176676-5	SMA-Q0207FTDT698K	MELF	SMA-Q	698K	1% 50PPM 0207 1W	PRODUCTION	
3-2176676-6	SMA-Q0207FTDT715K	MELF	SMA-Q	715K	1% 50PPM 0207 1W	PRODUCTION	
3-2176676-7	SMA-Q0207FTDT732K	MELF	SMA-Q	732K	1% 50PPM 0207 1W	PRODUCTION	
3-2176676-8	SMA-Q0207FTDT750K	MELF	SMA-Q	750K	1% 50PPM 0207 1W	PRODUCTION	
3-2176676-9	SMA-Q0207FTDT768K	MELF	SMA-Q	768K	1% 50PPM 0207 1W	PRODUCTION	
4-2176676-0	SMA-Q0207FTDT787K	MELF	SMA-Q	787K	1% 50PPM 0207 1W	PRODUCTION	
4-2176676-1	SMA-Q0207FTDT806K	MELF	SMA-Q	806K	1% 50PPM 0207 1W	PRODUCTION	
4-2176676-2	SMA-Q0207FTDT825K	MELF	SMA-Q	825K	1% 50PPM 0207 1W	PRODUCTION	
4-2176676-3	SMA-Q0207FTDT845K	MELF	SMA-Q	845K	1% 50PPM 0207 1W	PRODUCTION	
4-2176676-4	SMA-Q0207FTDT866K	MELF	SMA-Q	866K	1% 50PPM 0207 1W	PRODUCTION	
4-2176676-5	SMA-Q0207FTDT887K	MELF	SMA-Q	887K	1% 50PPM 0207 1W	PRODUCTION	
4-2176676-6	SMA-Q0207FTDT909K	MELF	SMA-Q	909K	1% 50PPM 0207 1W	PRODUCTION	
4-2176676-7	SMA-Q0207FTDT931K	MELF	SMA-Q	931K	1% 50PPM 0207 1W	PRODUCTION	
4-2176676-8	SMA-Q0207FTDT953K	MELF	SMA-Q	953K	1% 50PPM 0207 1W	PRODUCTION	
4-2176676-9	SMA-Q0207FTDT976K	MELF	SMA-Q	976K	1% 50PPM 0207 1W	PRODUCTION	
5-2176676-0	SMA-Q0207FTDT1M0	MELF	SMA-Q	1M0	1% 50PPM 0207 1W	PRODUCTION	
5-2176676-1	SMA-Q0207FTDT1M02	MELF	SMA-Q	1M02	1% 50PPM 0207 1W	PRODUCTION	
5-2176676-2	SMA-Q0207FTDT1M05	MELF	SMA-Q	1M05	1% 50PPM 0207 1W	PRODUCTION	
5-2176676-3	SMA-Q0207FTDT1M07	MELF	SMA-Q	1M07	1% 50PPM 0207 1W	PRODUCTION	
5-2176676-4	SMA-Q0207FTDT1M1	MELF	SMA-Q	1M1	1% 50PPM 0207 1W	PRODUCTION	
5-2176676-5	SMA-Q0207FTDT1M13	MELF	SMA-Q	1M13	1% 50PPM 0207 1W	PRODUCTION	
5-2176676-6	SMA-Q0207FTDT1M15	MELF	SMA-Q	1M15	1% 50PPM 0207 1W	PRODUCTION	
5-2176676-7	SMA-Q0207FTDT1M18	MELF	SMA-Q	1M18	1% 50PPM 0207 1W	PRODUCTION	
5-2176676-8	SMA-Q0207FTDT1M21	MELF	SMA-Q	1M21	1% 50PPM 0207 1W	PRODUCTION	
5-2176676-9	SMA-Q0207FTDT1M24	MELF	SMA-Q	1M24	1% 50PPM 0207 1W	PRODUCTION	
6-2176676-0	SMA-Q0207FTDT1M27	MELF	SMA-Q	1M27	1% 50PPM 0207 1W	PRODUCTION	
6-2176676-1	SMA-Q0207FTDT1M3	MELF	SMA-Q	1M3	1% 50PPM 0207 1W	PRODUCTION	
6-2176676-2	SMA-Q0207FTDT1M33	MELF	SMA-Q	1M33	1% 50PPM 0207 1W	PRODUCTION	
6-2176676-3	SMA-Q0207FTDT1M37	MELF	SMA-Q	1M37	1% 50PPM 0207 1W	PRODUCTION	
6-2176676-4	SMA-Q0207FTDT1M4	MELF	SMA-Q	1M4	1% 50PPM 0207 1W	PRODUCTION	
6-2176676-5	SMA-Q0207FTDT1M43	MELF	SMA-Q	1M43	1% 50PPM 0207 1W	PRODUCTION	
6-2176676-6	SMA-Q0207FTDT1M47	MELF	SMA-Q	1M47	1% 50PPM 0207 1W	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

CHK
TRACY G

APVD
ALLAN P

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

29NOV2023

29NOV2023

29NOV2023

CUSTOMER DRAWING

SCALE 20:1

SHEET 2 OF 3

REV BA

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

©-2176676

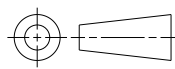
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1470-19 (3/13)

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176676-7	SMA-Q0207FTDT1M5	MELF SMA-Q 1M5 1% 50PPM 0207 1W	PRODUCTION
6-2176676-8	SMA-Q0207FTDT1M54	MELF SMA-Q 1M54 1% 50PPM 0207 1W	PRODUCTION
6-2176676-9	SMA-Q0207FTDT1M58	MELF SMA-Q 1M58 1% 50PPM 0207 1W	PRODUCTION
7-2176676-0	SMA-Q0207FTDT1M62	MELF SMA-Q 1M62 1% 50PPM 0207 1W	PRODUCTION
7-2176676-1	SMA-Q0207FTDT1M65	MELF SMA-Q 1M65 1% 50PPM 0207 1W	PRODUCTION
7-2176676-2	SMA-Q0207FTDT1M69	MELF SMA-Q 1M69 1% 50PPM 0207 1W	PRODUCTION
7-2176676-3	SMA-Q0207FTDT1M74	MELF SMA-Q 1M74 1% 50PPM 0207 1W	PRODUCTION
7-2176676-4	SMA-Q0207FTDT1M78	MELF SMA-Q 1M78 1% 50PPM 0207 1W	PRODUCTION
7-2176676-5	SMA-Q0207FTDT1M82	MELF SMA-Q 1M82 1% 50PPM 0207 1W	PRODUCTION
7-2176676-6	SMA-Q0207FTDT1M87	MELF SMA-Q 1M87 1% 50PPM 0207 1W	PRODUCTION
7-2176676-7	SMA-Q0207FTDT1M91	MELF SMA-Q 1M91 1% 50PPM 0207 1W	PRODUCTION
7-2176676-8	SMA-Q0207FTDT1M96	MELF SMA-Q 1M96 1% 50PPM 0207 1W	PRODUCTION
7-2176676-9	SMA-Q0207FTDT2M0	MELF SMA-Q 2M0 1% 50PPM 0207 1W	PRODUCTION
8-2176676-0	SMA-Q0207FTDT2M05	MELF SMA-Q 2M05 1% 50PPM 0207 1W	PRODUCTION
8-2176676-1	SMA-Q0207FTDT2M1	MELF SMA-Q 2M1 1% 50PPM 0207 1W	PRODUCTION
8-2176676-2	SMA-Q0207FTDT2M15	MELF SMA-Q 2M15 1% 50PPM 0207 1W	PRODUCTION
8-2176676-3	SMA-Q0207FTDT2M21	MELF SMA-Q 2M21 1% 50PPM 0207 1W	PRODUCTION
8-2176676-4	SMA-Q0207FTDT2M26	MELF SMA-Q 2M26 1% 50PPM 0207 1W	PRODUCTION
8-2176676-5	SMA-Q0207FTDT2M32	MELF SMA-Q 2M32 1% 50PPM 0207 1W	PRODUCTION
8-2176676-6	SMA-Q0207FTDT2M37	MELF SMA-Q 2M37 1% 50PPM 0207 1W	PRODUCTION
8-2176676-7	SMA-Q0207FTDT2M43	MELF SMA-Q 2M43 1% 50PPM 0207 1W	PRODUCTION
8-2176676-8	SMA-Q0207FTDT2M49	MELF SMA-Q 2M49 1% 50PPM 0207 1W	PRODUCTION
8-2176676-9	SMA-Q0207FTDT2M55	MELF SMA-Q 2M55 1% 50PPM 0207 1W	PRODUCTION
9-2176676-0	SMA-Q0207FTDT2M61	MELF SMA-Q 2M61 1% 50PPM 0207 1W	PRODUCTION
9-2176676-1	SMA-Q0207FTDT2M67	MELF SMA-Q 2M67 1% 50PPM 0207 1W	PRODUCTION
9-2176676-2	SMA-Q0207FTDT2M74	MELF SMA-Q 2M74 1% 50PPM 0207 1W	PRODUCTION
9-2176676-3	SMA-Q0207FTDT2M8	MELF SMA-Q 2M8 1% 50PPM 0207 1W	PRODUCTION
9-2176676-4	SMA-Q0207FTDT2M87	MELF SMA-Q 2M87 1% 50PPM 0207 1W	PRODUCTION
9-2176676-5	SMA-Q0207FTDT2M94	MELF SMA-Q 2M94 1% 50PPM 0207 1W	PRODUCTION
9-2176676-6	SMA-Q0207FTDT3M01	MELF SMA-Q 3M01 1% 50PPM 0207 1W	PRODUCTION
9-2176676-7	SMA-Q0207FTDT3M09	MELF SMA-Q 3M09 1% 50PPM 0207 1W	PRODUCTION
9-2176676-8	SMA-Q0207FTDT3M16	MELF SMA-Q 3M16 1% 50PPM 0207 1W	PRODUCTION
9-2176676-9	SMA-Q0207FTDT3M24	MELF SMA-Q 3M24 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	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°	29NOV2023			
MATERIAL	FINISH	- -	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO		
			APPLICATION SPEC	A 3 00779 ©=2176676		
-	-	-	WEIGHT	SCALE 20:1 SHEET 3 OF 3 REV BA		
			CUSTOMER DRAWING			