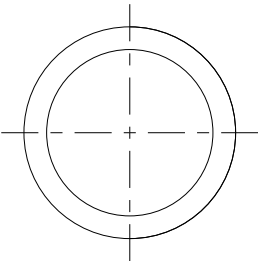
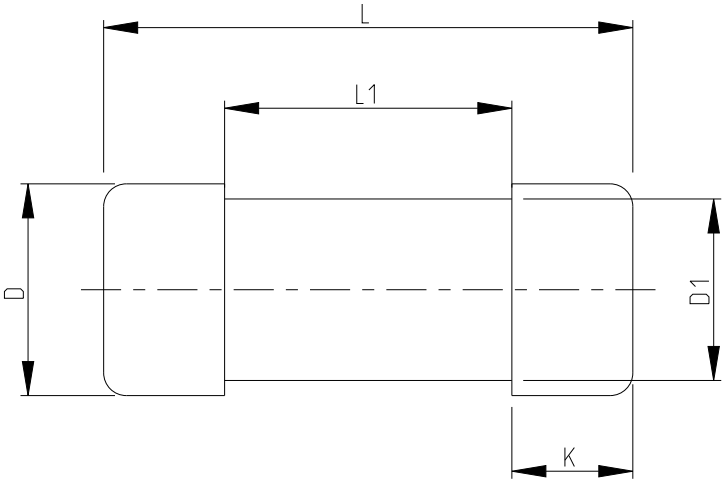
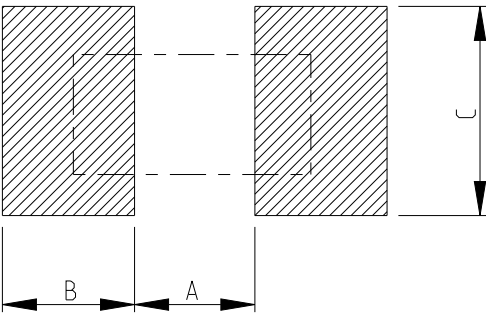


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	22NOV2023	DM	AP

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



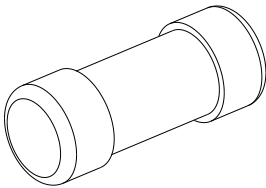
RECOMMENDED LAND PATTERN



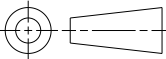
TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0204	3.5 ±0.2	1.7	1.4 ±0.15	D +0/-0.2	0.8 ±0.1	18.7

SIZE	A (mm)	B (mm)	C (mm)
SMA-Q 0204	1.6	1.2	1.6

RoHS Compliant



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M 22NOV2023	 TE Connectivity		
		CHK TRACY G 22NOV2023			
		APVD ALLAN P 22NOV2023	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0204 SERIES		
		PRODUCT SPEC -			
		APPLICATION SPEC -	SIZE A3 CAGE CODE 00779 DRAWING NO C=2176662		
		WEIGHT -			
CUSTOMER DRAWING		SCALE 20:1		SHEET 1 OF 3	REV BA

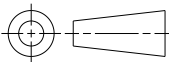
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
	0 PLC ±0.2 1 PLC ±0.1 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±5°
MATERIAL	FINISH
-	-
-	-

REVISIONS

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

SCHEDULE							
TCPN	CATALOGUE NUMBER	PART DESCRIPTION				PART STATUS	
2176662-1	SMA-Q0204FTDX143K	MELF	SMA-Q	143K	1% 50PPM 0204 0.4W	PRODUCTION	
2176662-2	SMA-Q0204FTDX147K	MELF	SMA-Q	147K	1% 50PPM 0204 0.4W	PRODUCTION	
2176662-3	SMA-Q0204FTDX150K	MELF	SMA-Q	150K	1% 50PPM 0204 0.4W	PRODUCTION	
2176662-4	SMA-Q0204FTDX154K	MELF	SMA-Q	154K	1% 50PPM 0204 0.4W	PRODUCTION	
2176662-5	SMA-Q0204FTDX158K	MELF	SMA-Q	158K	1% 50PPM 0204 0.4W	PRODUCTION	
2176662-6	SMA-Q0204FTDX162K	MELF	SMA-Q	162K	1% 50PPM 0204 0.4W	PRODUCTION	
2176662-7	SMA-Q0204FTDX165K	MELF	SMA-Q	165K	1% 50PPM 0204 0.4W	PRODUCTION	
2176662-8	SMA-Q0204FTDX169K	MELF	SMA-Q	169K	1% 50PPM 0204 0.4W	PRODUCTION	
2176662-9	SMA-Q0204FTDX174K	MELF	SMA-Q	174K	1% 50PPM 0204 0.4W	PRODUCTION	
1-2176662-0	SMA-Q0204FTDX178K	MELF	SMA-Q	178K	1% 50PPM 0204 0.4W	PRODUCTION	
1-2176662-1	SMA-Q0204FTDX182K	MELF	SMA-Q	182K	1% 50PPM 0204 0.4W	PRODUCTION	
1-2176662-2	SMA-Q0204FTDX187K	MELF	SMA-Q	187K	1% 50PPM 0204 0.4W	PRODUCTION	
1-2176662-3	SMA-Q0204FTDX191K	MELF	SMA-Q	191K	1% 50PPM 0204 0.4W	PRODUCTION	
1-2176662-4	SMA-Q0204FTDX196K	MELF	SMA-Q	196K	1% 50PPM 0204 0.4W	PRODUCTION	
1-2176662-5	SMA-Q0204FTDX200K	MELF	SMA-Q	200K	1% 50PPM 0204 0.4W	PRODUCTION	
1-2176662-6	SMA-Q0204FTDX205K	MELF	SMA-Q	205K	1% 50PPM 0204 0.4W	PRODUCTION	
1-2176662-7	SMA-Q0204FTDX210K	MELF	SMA-Q	210K	1% 50PPM 0204 0.4W	PRODUCTION	
1-2176662-8	SMA-Q0204FTDX215K	MELF	SMA-Q	215K	1% 50PPM 0204 0.4W	PRODUCTION	
1-2176662-9	SMA-Q0204FTDX221K	MELF	SMA-Q	221K	1% 50PPM 0204 0.4W	PRODUCTION	
2-2176662-0	SMA-Q0204FTDX226K	MELF	SMA-Q	226K	1% 50PPM 0204 0.4W	PRODUCTION	
2-2176662-1	SMA-Q0204FTDX232K	MELF	SMA-Q	232K	1% 50PPM 0204 0.4W	PRODUCTION	
2-2176662-2	SMA-Q0204FTDX237K	MELF	SMA-Q	237K	1% 50PPM 0204 0.4W	PRODUCTION	
2-2176662-3	SMA-Q0204FTDX243K	MELF	SMA-Q	243K	1% 50PPM 0204 0.4W	PRODUCTION	
2-2176662-4	SMA-Q0204FTDX249K	MELF	SMA-Q	249K	1% 50PPM 0204 0.4W	PRODUCTION	
2-2176662-5	SMA-Q0204FTDX255K	MELF	SMA-Q	255K	1% 50PPM 0204 0.4W	PRODUCTION	
2-2176662-6	SMA-Q0204FTDX261K	MELF	SMA-Q	261K	1% 50PPM 0204 0.4W	PRODUCTION	
2-2176662-7	SMA-Q0204FTDX267K	MELF	SMA-Q	267K	1% 50PPM 0204 0.4W	PRODUCTION	
2-2176662-8	SMA-Q0204FTDX274K	MELF	SMA-Q	274K	1% 50PPM 0204 0.4W	PRODUCTION	
2-2176662-9	SMA-Q0204FTDX280K	MELF	SMA-Q	280K	1% 50PPM 0204 0.4W	PRODUCTION	
3-2176662-0	SMA-Q0204FTDX287K	MELF	SMA-Q	287K	1% 50PPM 0204 0.4W	PRODUCTION	
3-2176662-1	SMA-Q0204FTDX294K	MELF	SMA-Q	294K	1% 50PPM 0204 0.4W	PRODUCTION	
3-2176662-2	SMA-Q0204FTDX301K	MELF	SMA-Q	301K	1% 50PPM 0204 0.4W	PRODUCTION	
3-2176662-3	SMA-Q0204FTDX309K	MELF	SMA-Q	309K	1% 50PPM 0204 0.4W	PRODUCTION	

SCHEDULE							
TCPN	CATALOGUE NUMBER	PART DESCRIPTION				PART STATUS	
3-2176662-4	SMA-Q0204FTDX316K	MELF	SMA-Q	316K	1% 50PPM 0204 0.4W	PRODUCTION	
3-2176662-5	SMA-Q0204FTDX324K	MELF	SMA-Q	324K	1% 50PPM 0204 0.4W	PRODUCTION	
3-2176662-6	SMA-Q0204FTDX332K	MELF	SMA-Q	332K	1% 50PPM 0204 0.4W	PRODUCTION	
3-2176662-7	SMA-Q0204FTDX340K	MELF	SMA-Q	340K	1% 50PPM 0204 0.4W	PRODUCTION	
3-2176662-8	SMA-Q0204FTDX348K	MELF	SMA-Q	348K	1% 50PPM 0204 0.4W	PRODUCTION	
3-2176662-9	SMA-Q0204FTDX357K	MELF	SMA-Q	357K	1% 50PPM 0204 0.4W	PRODUCTION	
4-2176662-0	SMA-Q0204FTDX365K	MELF	SMA-Q	365K	1% 50PPM 0204 0.4W	PRODUCTION	
4-2176662-1	SMA-Q0204FTDX374K	MELF	SMA-Q	374K	1% 50PPM 0204 0.4W	PRODUCTION	
4-2176662-2	SMA-Q0204FTDX383K	MELF	SMA-Q	383K	1% 50PPM 0204 0.4W	PRODUCTION	
4-2176662-3	SMA-Q0204FTDX392K	MELF	SMA-Q	392K	1% 50PPM 0204 0.4W	PRODUCTION	
4-2176662-4	SMA-Q0204FTDX402K	MELF	SMA-Q	402K	1% 50PPM 0204 0.4W	PRODUCTION	
4-2176662-5	SMA-Q0204FTDX412K	MELF	SMA-Q	412K	1% 50PPM 0204 0.4W	PRODUCTION	
4-2176662-6	SMA-Q0204FTDX422K	MELF	SMA-Q	422K	1% 50PPM 0204 0.4W	PRODUCTION	
4-2176662-7	SMA-Q0204FTDX432K	MELF	SMA-Q	432K	1% 50PPM 0204 0.4W	PRODUCTION	
4-2176662-8	SMA-Q0204FTDX442K	MELF	SMA-Q	442K	1% 50PPM 0204 0.4W	PRODUCTION	
4-2176662-9	SMA-Q0204FTDX453K	MELF	SMA-Q	453K	1% 50PPM 0204 0.4W	PRODUCTION	
5-2176662-0	SMA-Q0204FTDX464K	MELF	SMA-Q	464K	1% 50PPM 0204 0.4W	PRODUCTION	
5-2176662-1	SMA-Q0204FTDX475K	MELF	SMA-Q	475K	1% 50PPM 0204 0.4W	PRODUCTION	
5-2176662-2	SMA-Q0204FTDX487K	MELF	SMA-Q	487K	1% 50PPM 0204 0.4W	PRODUCTION	
5-2176662-3	SMA-Q0204FTDX499K	MELF	SMA-Q	499K	1% 50PPM 0204 0.4W	PRODUCTION	
5-2176662-4	SMA-Q0204FTDX511K	MELF	SMA-Q	511K	1% 50PPM 0204 0.4W	PRODUCTION	
5-2176662-5	SMA-Q0204FTDX523K	MELF	SMA-Q	523K	1% 50PPM 0204 0.4W	PRODUCTION	
5-2176662-6	SMA-Q0204FTDX536K	MELF	SMA-Q	536K	1% 50PPM 0204 0.4W	PRODUCTION	
5-2176662-7	SMA-Q0204FTDX549K	MELF	SMA-Q	549K	1% 50PPM 0204 0.4W	PRODUCTION	
5-2176662-8	SMA-Q0204FTDX562K	MELF	SMA-Q	562K	1% 50PPM 0204 0.4W	PRODUCTION	
5-2176662-9	SMA-Q0204FTDX576K	MELF	SMA-Q	576K	1% 50PPM 0204 0.4W	PRODUCTION	
6-2176662-0	SMA-Q0204FTDX590K	MELF	SMA-Q	590K	1% 50PPM 0204 0.4W	PRODUCTION	
6-2176662-1	SMA-Q0204FTDX604K	MELF	SMA-Q	604K	1% 50PPM 0204 0.4W	PRODUCTION	
6-2176662-2	SMA-Q0204FTDX619K	MELF	SMA-Q	619K	1% 50PPM 0204 0.4W	PRODUCTION	
6-2176662-3	SMA-Q0204FTDX634K	MELF	SMA-Q	634K	1% 50PPM 0204 0.4W	PRODUCTION	
6-2176662-4	SMA-Q0204FTDX649K	MELF	SMA-Q	649K	1% 50PPM 0204 0.4W	PRODUCTION	
6-2176662-5	SMA-Q0204FTDX665K	MELF	SMA-Q	665K	1% 50PPM 0204 0.4W	PRODUCTION	
6-2176662-6	SMA-Q0204FTDX681K	MELF	SMA-Q	681K	1% 50PPM 0204 0.4W	PRODUCTION	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M	22NOV2023	 TE Connectivity					
		CHK TRACY G	22NOV2023						
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0204 SERIES					
		0 PLC ±0.2 1 PLC ±0.1 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±5°	22NOV2023						
MATERIAL	-	FINISH	-	APVD ALLAN P		SIZE A 3			
				PRODUCT SPEC					
-	-	-	-	APPLICATION SPEC		CAGE CODE 00779			
				WEIGHT					
CUSTOMER DRAWING				DRAWING NO C-2176662		RESTRICTED TO -			
				SCALE 40:1					
				SHEET 2 OF 3		REV BA			

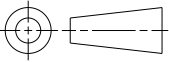
REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176662-7	SMA-Q0204FTDX698K	MELF SMA-Q 698K 1% 50PPM 0204 0.4W	PRODUCTION
6-2176662-8	SMA-Q0204FTDX715K	MELF SMA-Q 715K 1% 50PPM 0204 0.4W	PRODUCTION
6-2176662-9	SMA-Q0204FTDX732K	MELF SMA-Q 732K 1% 50PPM 0204 0.4W	PRODUCTION
7-2176662-0	SMA-Q0204FTDX750K	MELF SMA-Q 750K 1% 50PPM 0204 0.4W	PRODUCTION
7-2176662-1	SMA-Q0204FTDX768K	MELF SMA-Q 768K 1% 50PPM 0204 0.4W	PRODUCTION
7-2176662-2	SMA-Q0204FTDX787K	MELF SMA-Q 787K 1% 50PPM 0204 0.4W	PRODUCTION
7-2176662-3	SMA-Q0204FTDX806K	MELF SMA-Q 806K 1% 50PPM 0204 0.4W	PRODUCTION
7-2176662-4	SMA-Q0204FTDX825K	MELF SMA-Q 825K 1% 50PPM 0204 0.4W	PRODUCTION
7-2176662-5	SMA-Q0204FTDX845K	MELF SMA-Q 845K 1% 50PPM 0204 0.4W	PRODUCTION
7-2176662-6	SMA-Q0204FTDX866K	MELF SMA-Q 866K 1% 50PPM 0204 0.4W	PRODUCTION
7-2176662-7	SMA-Q0204FTDX887K	MELF SMA-Q 887K 1% 50PPM 0204 0.4W	PRODUCTION
7-2176662-8	SMA-Q0204FTDX909K	MELF SMA-Q 909K 1% 50PPM 0204 0.4W	PRODUCTION
7-2176662-9	SMA-Q0204FTDX931K	MELF SMA-Q 931K 1% 50PPM 0204 0.4W	PRODUCTION
8-2176662-0	SMA-Q0204FTDX953K	MELF SMA-Q 953K 1% 50PPM 0204 0.4W	PRODUCTION
8-2176662-1	SMA-Q0204FTDX976K	MELF SMA-Q 976K 1% 50PPM 0204 0.4W	PRODUCTION
8-2176662-2	SMA-Q0204FTDX1M0	MELF SMA-Q 1M0 1% 50PPM 0204 0.4W	PRODUCTION
8-2176662-3	SMA-Q0204FTDX1M02	MELF SMA-Q 1M02 1% 50PPM 0204 0.4W	PRODUCTION
8-2176662-4	SMA-Q0204FTDX1M05	MELF SMA-Q 1M05 1% 50PPM 0204 0.4W	PRODUCTION
8-2176662-5	SMA-Q0204FTDX1M07	MELF SMA-Q 1M07 1% 50PPM 0204 0.4W	PRODUCTION
8-2176662-6	SMA-Q0204FTDX1M1	MELF SMA-Q 1M1 1% 50PPM 0204 0.4W	PRODUCTION
8-2176662-7	SMA-Q0204FTDX1M13	MELF SMA-Q 1M13 1% 50PPM 0204 0.4W	PRODUCTION
8-2176662-8	SMA-Q0204FTDX1M15	MELF SMA-Q 1M15 1% 50PPM 0204 0.4W	PRODUCTION
8-2176662-9	SMA-Q0204FTDX1M18	MELF SMA-Q 1M18 1% 50PPM 0204 0.4W	PRODUCTION
9-2176662-0	SMA-Q0204FTDX1M21	MELF SMA-Q 1M21 1% 50PPM 0204 0.4W	PRODUCTION
9-2176662-1	SMA-Q0204FTDX1M24	MELF SMA-Q 1M24 1% 50PPM 0204 0.4W	PRODUCTION
9-2176662-2	SMA-Q0204FTDX1M27	MELF SMA-Q 1M27 1% 50PPM 0204 0.4W	PRODUCTION
9-2176662-3	SMA-Q0204FTDX1M3	MELF SMA-Q 1M3 1% 50PPM 0204 0.4W	PRODUCTION
9-2176662-4	SMA-Q0204FTDX1M33	MELF SMA-Q 1M33 1% 50PPM 0204 0.4W	PRODUCTION
9-2176662-5	SMA-Q0204FTDX1M37	MELF SMA-Q 1M37 1% 50PPM 0204 0.4W	PRODUCTION
9-2176662-6	SMA-Q0204FTDX1M4	MELF SMA-Q 1M4 1% 50PPM 0204 0.4W	PRODUCTION
9-2176662-7	SMA-Q0204FTDX1M43	MELF SMA-Q 1M43 1% 50PPM 0204 0.4W	PRODUCTION
9-2176662-8	SMA-Q0204FTDX1M47	MELF SMA-Q 1M47 1% 50PPM 0204 0.4W	PRODUCTION
9-2176662-9	SMA-Q0204FTDX1M5	MELF SMA-Q 1M5 1% 50PPM 0204 0.4W	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 22NOV2023

CHK
TRACY G 22NOV2023

APVD
ALLAN P 22NOV2023

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

NAME

METAL FILM PRECISION MELF RESISTORS
AEC-Q200 QUALIFIED TYPE
SMA-Q 0204 SERIES

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A 3

00779

©=2176662

-

CUSTOMER DRAWING

SCALE 20:1

SHEET 3 OF 3

REV BA

1470-19 (3/13)