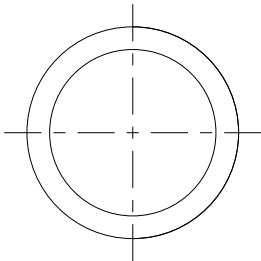
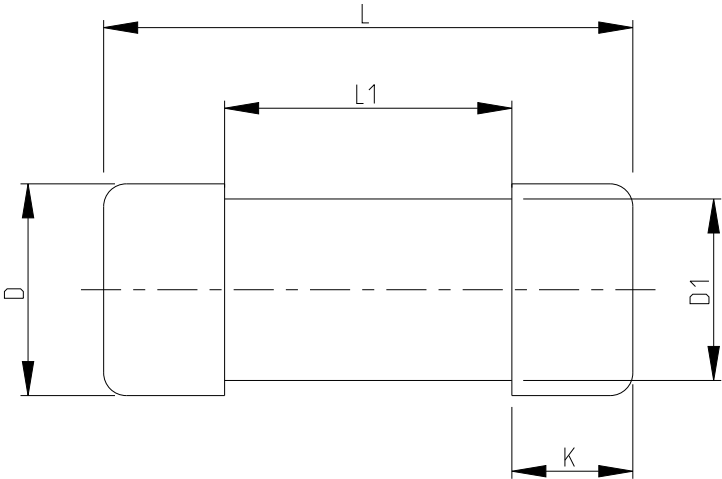
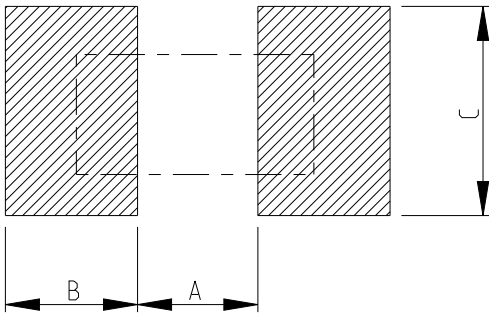


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	22NOV2023	DM	AP

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



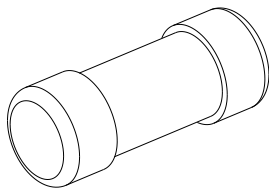
RECOMMENDED LAND PATTERN



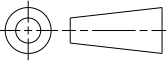
TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0204	3.5 ±0.2	1.7	1.4 ±0.15	D +0/-0.2	0.8 ±0.1	18.7

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=2176699		
		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	-	-	-

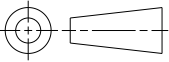
SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176699-1	SMA-Q0204FTDV143K	MELF SMA-Q 143K 1% 50PPM 0204 0.25W	PRODUCTION
2176699-2	SMA-Q0204FTDV147K	MELF SMA-Q 147K 1% 50PPM 0204 0.25W	PRODUCTION
2176699-3	SMA-Q0204FTDV150K	MELF SMA-Q 150K 1% 50PPM 0204 0.25W	PRODUCTION
2176699-4	SMA-Q0204FTDV154K	MELF SMA-Q 154K 1% 50PPM 0204 0.25W	PRODUCTION
2176699-5	SMA-Q0204FTDV158K	MELF SMA-Q 158K 1% 50PPM 0204 0.25W	PRODUCTION
2176699-6	SMA-Q0204FTDV162K	MELF SMA-Q 162K 1% 50PPM 0204 0.25W	PRODUCTION
2176699-7	SMA-Q0204FTDV165K	MELF SMA-Q 165K 1% 50PPM 0204 0.25W	PRODUCTION
2176699-8	SMA-Q0204FTDV169K	MELF SMA-Q 169K 1% 50PPM 0204 0.25W	PRODUCTION
2176699-9	SMA-Q0204FTDV174K	MELF SMA-Q 174K 1% 50PPM 0204 0.25W	PRODUCTION
1-2176699-0	SMA-Q0204FTDV178K	MELF SMA-Q 178K 1% 50PPM 0204 0.25W	PRODUCTION
1-2176699-1	SMA-Q0204FTDV182K	MELF SMA-Q 182K 1% 50PPM 0204 0.25W	PRODUCTION
1-2176699-2	SMA-Q0204FTDV187K	MELF SMA-Q 187K 1% 50PPM 0204 0.25W	PRODUCTION
1-2176699-3	SMA-Q0204FTDV191K	MELF SMA-Q 191K 1% 50PPM 0204 0.25W	PRODUCTION
1-2176699-4	SMA-Q0204FTDV196K	MELF SMA-Q 196K 1% 50PPM 0204 0.25W	PRODUCTION
1-2176699-5	SMA-Q0204FTDV200K	MELF SMA-Q 200K 1% 50PPM 0204 0.25W	PRODUCTION
1-2176699-6	SMA-Q0204FTDV205K	MELF SMA-Q 205K 1% 50PPM 0204 0.25W	PRODUCTION
1-2176699-7	SMA-Q0204FTDV210K	MELF SMA-Q 210K 1% 50PPM 0204 0.25W	PRODUCTION
1-2176699-8	SMA-Q0204FTDV215K	MELF SMA-Q 215K 1% 50PPM 0204 0.25W	PRODUCTION
1-2176699-9	SMA-Q0204FTDV221K	MELF SMA-Q 221K 1% 50PPM 0204 0.25W	PRODUCTION
2-2176699-0	SMA-Q0204FTDV226K	MELF SMA-Q 226K 1% 50PPM 0204 0.25W	PRODUCTION
2-2176699-1	SMA-Q0204FTDV232K	MELF SMA-Q 232K 1% 50PPM 0204 0.25W	PRODUCTION
2-2176699-2	SMA-Q0204FTDV237K	MELF SMA-Q 237K 1% 50PPM 0204 0.25W	PRODUCTION
2-2176699-3	SMA-Q0204FTDV243K	MELF SMA-Q 243K 1% 50PPM 0204 0.25W	PRODUCTION
2-2176699-4	SMA-Q0204FTDV249K	MELF SMA-Q 249K 1% 50PPM 0204 0.25W	PRODUCTION
2-2176699-5	SMA-Q0204FTDV255K	MELF SMA-Q 255K 1% 50PPM 0204 0.25W	PRODUCTION
2-2176699-6	SMA-Q0204FTDV261K	MELF SMA-Q 261K 1% 50PPM 0204 0.25W	PRODUCTION
2-2176699-7	SMA-Q0204FTDV267K	MELF SMA-Q 267K 1% 50PPM 0204 0.25W	PRODUCTION
2-2176699-8	SMA-Q0204FTDV274K	MELF SMA-Q 274K 1% 50PPM 0204 0.25W	PRODUCTION
2-2176699-9	SMA-Q0204FTDV280K	MELF SMA-Q 280K 1% 50PPM 0204 0.25W	PRODUCTION
3-2176699-0	SMA-Q0204FTDV287K	MELF SMA-Q 287K 1% 50PPM 0204 0.25W	PRODUCTION
3-2176699-1	SMA-Q0204FTDV294K	MELF SMA-Q 294K 1% 50PPM 0204 0.25W	PRODUCTION
3-2176699-2	SMA-Q0204FTDV301K	MELF SMA-Q 301K 1% 50PPM 0204 0.25W	PRODUCTION
3-2176699-3	SMA-Q0204FTDV309K	MELF SMA-Q 309K 1% 50PPM 0204 0.25W	PRODUCTION

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176699-4	SMA-Q0204FTDV316K	MELF SMA-Q 316K 1% 50PPM 0204 0.25W	PRODUCTION
3-2176699-5	SMA-Q0204FTDV324K	MELF SMA-Q 324K 1% 50PPM 0204 0.25W	PRODUCTION
3-2176699-6	SMA-Q0204FTDV332K	MELF SMA-Q 332K 1% 50PPM 0204 0.25W	PRODUCTION
3-2176699-7	SMA-Q0204FTDV340K	MELF SMA-Q 340K 1% 50PPM 0204 0.25W	PRODUCTION
3-2176699-8	SMA-Q0204FTDV348K	MELF SMA-Q 348K 1% 50PPM 0204 0.25W	PRODUCTION
3-2176699-9	SMA-Q0204FTDV357K	MELF SMA-Q 357K 1% 50PPM 0204 0.25W	PRODUCTION
4-2176699-0	SMA-Q0204FTDV365K	MELF SMA-Q 365K 1% 50PPM 0204 0.25W	PRODUCTION
4-2176699-1	SMA-Q0204FTDV374K	MELF SMA-Q 374K 1% 50PPM 0204 0.25W	PRODUCTION
4-2176699-2	SMA-Q0204FTDV383K	MELF SMA-Q 383K 1% 50PPM 0204 0.25W	PRODUCTION
4-2176699-3	SMA-Q0204FTDV392K	MELF SMA-Q 392K 1% 50PPM 0204 0.25W	PRODUCTION
4-2176699-4	SMA-Q0204FTDV402K	MELF SMA-Q 402K 1% 50PPM 0204 0.25W	PRODUCTION
4-2176699-5	SMA-Q0204FTDV412K	MELF SMA-Q 412K 1% 50PPM 0204 0.25W	PRODUCTION
4-2176699-6	SMA-Q0204FTDV422K	MELF SMA-Q 422K 1% 50PPM 0204 0.25W	PRODUCTION
4-2176699-7	SMA-Q0204FTDV432K	MELF SMA-Q 432K 1% 50PPM 0204 0.25W	PRODUCTION
4-2176699-8	SMA-Q0204FTDV442K	MELF SMA-Q 442K 1% 50PPM 0204 0.25W	PRODUCTION
4-2176699-9	SMA-Q0204FTDV453K	MELF SMA-Q 453K 1% 50PPM 0204 0.25W	PRODUCTION
5-2176699-0	SMA-Q0204FTDV464K	MELF SMA-Q 464K 1% 50PPM 0204 0.25W	PRODUCTION
5-2176699-1	SMA-Q0204FTDV475K	MELF SMA-Q 475K 1% 50PPM 0204 0.25W	PRODUCTION
5-2176699-2	SMA-Q0204FTDV487K	MELF SMA-Q 487K 1% 50PPM 0204 0.25W	PRODUCTION
5-2176699-3	SMA-Q0204FTDV499K	MELF SMA-Q 499K 1% 50PPM 0204 0.25W	PRODUCTION
5-2176699-4	SMA-Q0204FTDV511K	MELF SMA-Q 511K 1% 50PPM 0204 0.25W	PRODUCTION
5-2176699-5	SMA-Q0204FTDV523K	MELF SMA-Q 523K 1% 50PPM 0204 0.25W	PRODUCTION
5-2176699-6	SMA-Q0204FTDV536K	MELF SMA-Q 536K 1% 50PPM 0204 0.25W	PRODUCTION
5-2176699-7	SMA-Q0204FTDV549K	MELF SMA-Q 549K 1% 50PPM 0204 0.25W	PRODUCTION
5-2176699-8	SMA-Q0204FTDV562K	MELF SMA-Q 562K 1% 50PPM 0204 0.25W	PRODUCTION
5-2176699-9	SMA-Q0204FTDV576K	MELF SMA-Q 576K 1% 50PPM 0204 0.25W	PRODUCTION
6-2176699-0	SMA-Q0204FTDV590K	MELF SMA-Q 590K 1% 50PPM 0204 0.25W	PRODUCTION
6-2176699-1	SMA-Q0204FTDV604K	MELF SMA-Q 604K 1% 50PPM 0204 0.25W	PRODUCTION
6-2176699-2	SMA-Q0204FTDV619K	MELF SMA-Q 619K 1% 50PPM 0204 0.25W	PRODUCTION
6-2176699-3	SMA-Q0204FTDV634K	MELF SMA-Q 634K 1% 50PPM 0204 0.25W	PRODUCTION
6-2176699-4	SMA-Q0204FTDV649K	MELF SMA-Q 649K 1% 50PPM 0204 0.25W	PRODUCTION
6-2176699-5	SMA-Q0204FTDV665K	MELF SMA-Q 665K 1% 50PPM 0204 0.25W	PRODUCTION
6-2176699-6	SMA-Q0204FTDV681K	MELF SMA-Q 681K 1% 50PPM 0204 0.25W	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°

MATERIAL

-

-

DWN DHEERAJ M 22NOV2023

CHK TRACY G 22NOV2023

APVD ALLAN P 22NOV2023

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

NAME

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

©-2176699

-

SCALE 40:1

SHEET 2 OF 3

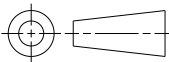
REV BA

1470-19 (3/13)

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176699-7	SMA-Q0204FTDV698K	MELF SMA-Q 698K 1% 50PPM 0204 0.25W	PRODUCTION
6-2176699-8	SMA-Q0204FTDV715K	MELF SMA-Q 715K 1% 50PPM 0204 0.25W	PRODUCTION
6-2176699-9	SMA-Q0204FTDV732K	MELF SMA-Q 732K 1% 50PPM 0204 0.25W	PRODUCTION
7-2176699-0	SMA-Q0204FTDV750K	MELF SMA-Q 750K 1% 50PPM 0204 0.25W	PRODUCTION
7-2176699-1	SMA-Q0204FTDV768K	MELF SMA-Q 768K 1% 50PPM 0204 0.25W	PRODUCTION
7-2176699-2	SMA-Q0204FTDV787K	MELF SMA-Q 787K 1% 50PPM 0204 0.25W	PRODUCTION
7-2176699-3	SMA-Q0204FTDV806K	MELF SMA-Q 806K 1% 50PPM 0204 0.25W	PRODUCTION
7-2176699-4	SMA-Q0204FTDV825K	MELF SMA-Q 825K 1% 50PPM 0204 0.25W	PRODUCTION
7-2176699-5	SMA-Q0204FTDV845K	MELF SMA-Q 845K 1% 50PPM 0204 0.25W	PRODUCTION
7-2176699-6	SMA-Q0204FTDV866K	MELF SMA-Q 866K 1% 50PPM 0204 0.25W	PRODUCTION
7-2176699-7	SMA-Q0204FTDV887K	MELF SMA-Q 887K 1% 50PPM 0204 0.25W	PRODUCTION
7-2176699-8	SMA-Q0204FTDV909K	MELF SMA-Q 909K 1% 50PPM 0204 0.25W	PRODUCTION
7-2176699-9	SMA-Q0204FTDV931K	MELF SMA-Q 931K 1% 50PPM 0204 0.25W	PRODUCTION
8-2176699-0	SMA-Q0204FTDV953K	MELF SMA-Q 953K 1% 50PPM 0204 0.25W	PRODUCTION
8-2176699-1	SMA-Q0204FTDV976K	MELF SMA-Q 976K 1% 50PPM 0204 0.25W	PRODUCTION
8-2176699-2	SMA-Q0204FTDV1M0	MELF SMA-Q 1M0 1% 50PPM 0204 0.25W	PRODUCTION
8-2176699-3	SMA-Q0204FTDV1M02	MELF SMA-Q 1M02 1% 50PPM 0204 0.25W	PRODUCTION
8-2176699-4	SMA-Q0204FTDV1M05	MELF SMA-Q 1M05 1% 50PPM 0204 0.25W	PRODUCTION
8-2176699-5	SMA-Q0204FTDV1M07	MELF SMA-Q 1M07 1% 50PPM 0204 0.25W	PRODUCTION
8-2176699-6	SMA-Q0204FTDV1M1	MELF SMA-Q 1M1 1% 50PPM 0204 0.25W	PRODUCTION
8-2176699-7	SMA-Q0204FTDV1M13	MELF SMA-Q 1M13 1% 50PPM 0204 0.25W	PRODUCTION
8-2176699-8	SMA-Q0204FTDV1M15	MELF SMA-Q 1M15 1% 50PPM 0204 0.25W	PRODUCTION
8-2176699-9	SMA-Q0204FTDV1M18	MELF SMA-Q 1M18 1% 50PPM 0204 0.25W	PRODUCTION
9-2176699-0	SMA-Q0204FTDV1M21	MELF SMA-Q 1M21 1% 50PPM 0204 0.25W	PRODUCTION
9-2176699-1	SMA-Q0204FTDV1M24	MELF SMA-Q 1M24 1% 50PPM 0204 0.25W	PRODUCTION
9-2176699-2	SMA-Q0204FTDV1M27	MELF SMA-Q 1M27 1% 50PPM 0204 0.25W	PRODUCTION
9-2176699-3	SMA-Q0204FTDV1M3	MELF SMA-Q 1M3 1% 50PPM 0204 0.25W	PRODUCTION
9-2176699-4	SMA-Q0204FTDV1M33	MELF SMA-Q 1M33 1% 50PPM 0204 0.25W	PRODUCTION
9-2176699-5	SMA-Q0204FTDV1M37	MELF SMA-Q 1M37 1% 50PPM 0204 0.25W	PRODUCTION
9-2176699-6	SMA-Q0204FTDV1M4	MELF SMA-Q 1M4 1% 50PPM 0204 0.25W	PRODUCTION
9-2176699-7	SMA-Q0204FTDV1M43	MELF SMA-Q 1M43 1% 50PPM 0204 0.25W	PRODUCTION
9-2176699-8	SMA-Q0204FTDV1M47	MELF SMA-Q 1M47 1% 50PPM 0204 0.25W	PRODUCTION
9-2176699-9	SMA-Q0204FTDV1M5	MELF SMA-Q 1M5 1% 50PPM 0204 0.25W	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M	22NOV2023	TE Connectivity				
		CHK TRACY G	22NOV2023					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ALLAN P	22NOV2023	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°	PRODUCT SPEC -					
MATERIAL -	-	FINISH -	APPLICATION SPEC -		SIZE A 3	CAGE CODE 00779	DRAWING NO C-2176699	RESTRICTED TO -
			WEIGHT -		SCALE 20:1		SHEET 3 OF 3	REV BA
			CUSTOMER DRAWING					