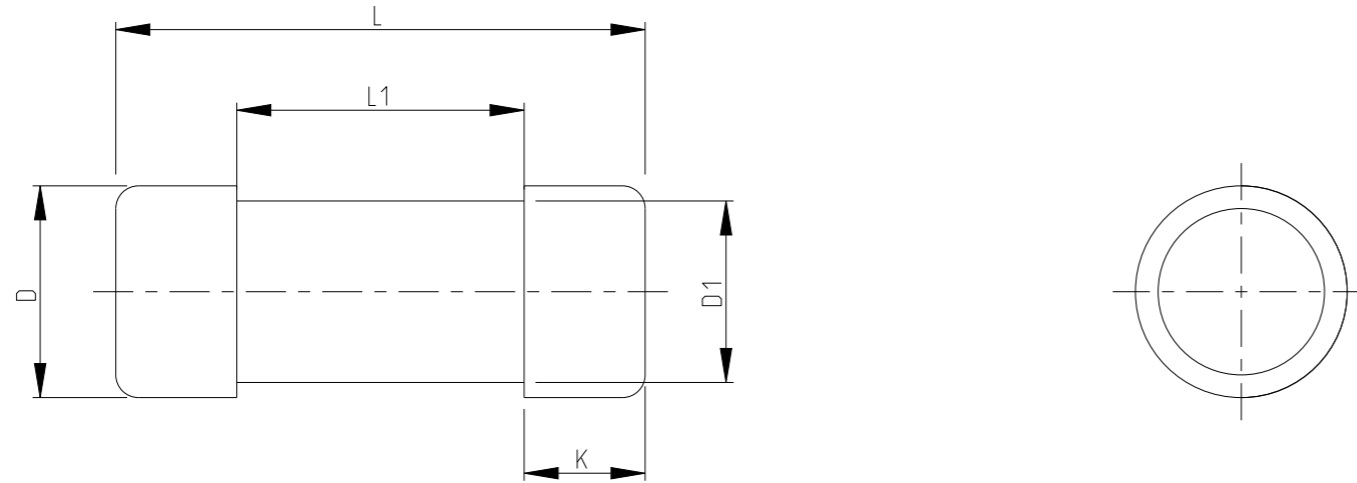
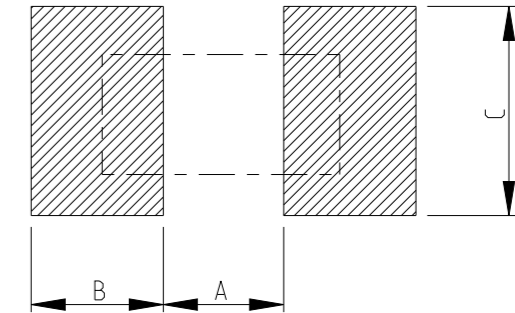


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	22NOV2023	DM	AP

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



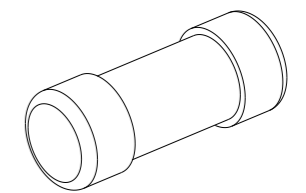
RECOMMENDED LAND PATTERN



TYPE	L (mm)	L1 min. (mm)	∅D (mm)	∅D1 (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		
		CHK TRACY G 22NOV2023		
DIMENSIONS: mm		APVD ALLAN P 22NOV2023	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0204 SERIES	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC -	RESTRICTED TO -	
0 PLC ±0.2		APPLICATION SPEC -	SIZE A3	
1 PLC ±0.1		WEIGHT -	CAGE CODE 00779	DRAWING NO C=2176659
2 PLC ±		CUSTOMER DRAWING	SCALE 20:1	SHEET 1 OF 3
3 PLC ±				REV BA
4 PLC ±				
ANGLES ±5°				
FINISH -				
MATERIAL -				

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176659-1	SMA-Q0204FTDX115R	MELF SMA-Q 115R 1% 50PPM 0204 0.4W	PRODUCTION
2176659-2	SMA-Q0204FTDX118R	MELF SMA-Q 118R 1% 50PPM 0204 0.4W	PRODUCTION
2176659-3	SMA-Q0204FTDX121R	MELF SMA-Q 121R 1% 50PPM 0204 0.4W	PRODUCTION
2176659-4	SMA-Q0204FTDX124R	MELF SMA-Q 124R 1% 50PPM 0204 0.4W	PRODUCTION
2176659-5	SMA-Q0204FTDX127R	MELF SMA-Q 127R 1% 50PPM 0204 0.4W	PRODUCTION
2176659-6	SMA-Q0204FTDX130R	MELF SMA-Q 130R 1% 50PPM 0204 0.4W	PRODUCTION
2176659-7	SMA-Q0204FTDX133R	MELF SMA-Q 133R 1% 50PPM 0204 0.4W	PRODUCTION
2176659-8	SMA-Q0204FTDX137R	MELF SMA-Q 137R 1% 50PPM 0204 0.4W	PRODUCTION
2176659-9	SMA-Q0204FTDX140R	MELF SMA-Q 140R 1% 50PPM 0204 0.4W	PRODUCTION
1-2176659-0	SMA-Q0204FTDX143R	MELF SMA-Q 143R 1% 50PPM 0204 0.4W	PRODUCTION
1-2176659-1	SMA-Q0204FTDX147R	MELF SMA-Q 147R 1% 50PPM 0204 0.4W	PRODUCTION
1-2176659-2	SMA-Q0204FTDX150R	MELF SMA-Q 150R 1% 50PPM 0204 0.4W	PRODUCTION
1-2176659-3	SMA-Q0204FTDX154R	MELF SMA-Q 154R 1% 50PPM 0204 0.4W	PRODUCTION
1-2176659-4	SMA-Q0204FTDX158R	MELF SMA-Q 158R 1% 50PPM 0204 0.4W	PRODUCTION
1-2176659-5	SMA-Q0204FTDX162R	MELF SMA-Q 162R 1% 50PPM 0204 0.4W	PRODUCTION
1-2176659-6	SMA-Q0204FTDX165R	MELF SMA-Q 165R 1% 50PPM 0204 0.4W	PRODUCTION
1-2176659-7	SMA-Q0204FTDX169R	MELF SMA-Q 169R 1% 50PPM 0204 0.4W	PRODUCTION
1-2176659-8	SMA-Q0204FTDX174R	MELF SMA-Q 174R 1% 50PPM 0204 0.4W	PRODUCTION
1-2176659-9	SMA-Q0204FTDX178R	MELF SMA-Q 178R 1% 50PPM 0204 0.4W	PRODUCTION
2-2176659-0	SMA-Q0204FTDX182R	MELF SMA-Q 182R 1% 50PPM 0204 0.4W	PRODUCTION
2-2176659-1	SMA-Q0204FTDX187R	MELF SMA-Q 187R 1% 50PPM 0204 0.4W	PRODUCTION
2-2176659-2	SMA-Q0204FTDX191R	MELF SMA-Q 191R 1% 50PPM 0204 0.4W	PRODUCTION
2-2176659-3	SMA-Q0204FTDX196R	MELF SMA-Q 196R 1% 50PPM 0204 0.4W	PRODUCTION
2-2176659-4	SMA-Q0204FTDX200R	MELF SMA-Q 200R 1% 50PPM 0204 0.4W	PRODUCTION
2-2176659-5	SMA-Q0204FTDX205R	MELF SMA-Q 205R 1% 50PPM 0204 0.4W	PRODUCTION
2-2176659-6	SMA-Q0204FTDX210R	MELF SMA-Q 210R 1% 50PPM 0204 0.4W	PRODUCTION
2-2176659-7	SMA-Q0204FTDX215R	MELF SMA-Q 215R 1% 50PPM 0204 0.4W	PRODUCTION
2-2176659-8	SMA-Q0204FTDX221R	MELF SMA-Q 221R 1% 50PPM 0204 0.4W	PRODUCTION
2-2176659-9	SMA-Q0204FTDX226R	MELF SMA-Q 226R 1% 50PPM 0204 0.4W	PRODUCTION
3-2176659-0	SMA-Q0204FTDX232R	MELF SMA-Q 232R 1% 50PPM 0204 0.4W	PRODUCTION
3-2176659-1	SMA-Q0204FTDX237R	MELF SMA-Q 237R 1% 50PPM 0204 0.4W	PRODUCTION
3-2176659-2	SMA-Q0204FTDX243R	MELF SMA-Q 243R 1% 50PPM 0204 0.4W	PRODUCTION
3-2176659-3	SMA-Q0204FTDX249R	MELF SMA-Q 249R 1% 50PPM 0204 0.4W	PRODUCTION

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176659-4	SMA-Q0204FTDX255R	MELF SMA-Q 255R 1% 50PPM 0204 0.4W	PRODUCTION
3-2176659-5	SMA-Q0204FTDX261R	MELF SMA-Q 261R 1% 50PPM 0204 0.4W	PRODUCTION
3-2176659-6	SMA-Q0204FTDX267R	MELF SMA-Q 267R 1% 50PPM 0204 0.4W	PRODUCTION
3-2176659-7	SMA-Q0204FTDX274R	MELF SMA-Q 274R 1% 50PPM 0204 0.4W	PRODUCTION
3-2176659-8	SMA-Q0204FTDX280R	MELF SMA-Q 280R 1% 50PPM 0204 0.4W	PRODUCTION
3-2176659-9	SMA-Q0204FTDX287R	MELF SMA-Q 287R 1% 50PPM 0204 0.4W	PRODUCTION
4-2176659-0	SMA-Q0204FTDX294R	MELF SMA-Q 294R 1% 50PPM 0204 0.4W	PRODUCTION
4-2176659-1	SMA-Q0204FTDX301R	MELF SMA-Q 301R 1% 50PPM 0204 0.4W	PRODUCTION
4-2176659-2	SMA-Q0204FTDX309R	MELF SMA-Q 309R 1% 50PPM 0204 0.4W	PRODUCTION
4-2176659-3	SMA-Q0204FTDX316R	MELF SMA-Q 316R 1% 50PPM 0204 0.4W	PRODUCTION
4-2176659-4	SMA-Q0204FTDX324R	MELF SMA-Q 324R 1% 50PPM 0204 0.4W	PRODUCTION
4-2176659-5	SMA-Q0204FTDX332R	MELF SMA-Q 332R 1% 50PPM 0204 0.4W	PRODUCTION
4-2176659-6	SMA-Q0204FTDX340R	MELF SMA-Q 340R 1% 50PPM 0204 0.4W	PRODUCTION
4-2176659-7	SMA-Q0204FTDX348R	MELF SMA-Q 348R 1% 50PPM 0204 0.4W	PRODUCTION
4-2176659-8	SMA-Q0204FTDX357R	MELF SMA-Q 357R 1% 50PPM 0204 0.4W	PRODUCTION
4-2176659-9	SMA-Q0204FTDX365R	MELF SMA-Q 365R 1% 50PPM 0204 0.4W	PRODUCTION
5-2176659-0	SMA-Q0204FTDX374R	MELF SMA-Q 374R 1% 50PPM 0204 0.4W	PRODUCTION
5-2176659-1	SMA-Q0204FTDX383R	MELF SMA-Q 383R 1% 50PPM 0204 0.4W	PRODUCTION
5-2176659-2	SMA-Q0204FTDX392R	MELF SMA-Q 392R 1% 50PPM 0204 0.4W	PRODUCTION
5-2176659-3	SMA-Q0204FTDX402R	MELF SMA-Q 402R 1% 50PPM 0204 0.4W	PRODUCTION
5-2176659-4	SMA-Q0204FTDX412R	MELF SMA-Q 412R 1% 50PPM 0204 0.4W	PRODUCTION
5-2176659-5	SMA-Q0204FTDX422R	MELF SMA-Q 422R 1% 50PPM 0204 0.4W	PRODUCTION
5-2176659-6	SMA-Q0204FTDX432R	MELF SMA-Q 432R 1% 50PPM 0204 0.4W	PRODUCTION
5-2176659-7	SMA-Q0204FTDX442R	MELF SMA-Q 442R 1% 50PPM 0204 0.4W	PRODUCTION
5-2176659-8	SMA-Q0204FTDX453R	MELF SMA-Q 453R 1% 50PPM 0204 0.4W	PRODUCTION
5-2176659-9	SMA-Q0204FTDX464R	MELF SMA-Q 464R 1% 50PPM 0204 0.4W	PRODUCTION
6-2176659-0	SMA-Q0204FTDX475R	MELF SMA-Q 475R 1% 50PPM 0204 0.4W	PRODUCTION
6-2176659-1	SMA-Q0204FTDX487R	MELF SMA-Q 487R 1% 50PPM 0204 0.4W	PRODUCTION
6-2176659-2	SMA-Q0204FTDX499R	MELF SMA-Q 499R 1% 50PPM 0204 0.4W	PRODUCTION
6-2176659-3	SMA-Q0204FTDX511R	MELF SMA-Q 511R 1% 50PPM 0204 0.4W	PRODUCTION
6-2176659-4	SMA-Q0204FTDX523R	MELF SMA-Q 523R 1% 50PPM 0204 0.4W	PRODUCTION
6-2176659-5	SMA-Q0204FTDX536R	MELF SMA-Q 536R 1% 50PPM 0204 0.4W	PRODUCTION
6-2176659-6	SMA-Q0204FTDX549R	MELF SMA-Q 549R 1% 50PPM 0204 0.4W	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M	22NOV2023	 TE Connectivity	
DIMENSIONS: mm		CHK TRACY G	22NOV2023		
		APVD ALLAN P	22NOV2023		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0204 SERIES	
0 PLC ±0.2		APPLICATION SPEC		SIZE	RESTRICTED TO
1 PLC ±0.1		WEIGHT		CAGE CODE	A3 00779
2 PLC ±		CUSTOMER DRAWING		DRAWING NO	
3 PLC ±		SCALE		C=2176659	
4 PLC ±		SCALE 40:1		SHEET 2 OF 3	
ANGLES ±5°		SCALE		REV BA	
FINISH		SCALE		REV	
-		SCALE		REV	
-		SCALE		REV	

REVISIONS

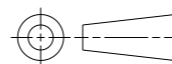
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176659-7	SMA-Q0204FTDX562R	MELF SMA-Q 562R 1% 50PPM 0204 0.4W	PRODUCTION
6-2176659-8	SMA-Q0204FTDX576R	MELF SMA-Q 576R 1% 50PPM 0204 0.4W	PRODUCTION
6-2176659-9	SMA-Q0204FTDX590R	MELF SMA-Q 590R 1% 50PPM 0204 0.4W	PRODUCTION
7-2176659-0	SMA-Q0204FTDX604R	MELF SMA-Q 604R 1% 50PPM 0204 0.4W	PRODUCTION
7-2176659-1	SMA-Q0204FTDX619R	MELF SMA-Q 619R 1% 50PPM 0204 0.4W	PRODUCTION
7-2176659-2	SMA-Q0204FTDX634R	MELF SMA-Q 634R 1% 50PPM 0204 0.4W	PRODUCTION
7-2176659-3	SMA-Q0204FTDX649R	MELF SMA-Q 649R 1% 50PPM 0204 0.4W	PRODUCTION
7-2176659-4	SMA-Q0204FTDX665R	MELF SMA-Q 665R 1% 50PPM 0204 0.4W	PRODUCTION
7-2176659-5	SMA-Q0204FTDX681R	MELF SMA-Q 681R 1% 50PPM 0204 0.4W	PRODUCTION
7-2176659-6	SMA-Q0204FTDX698R	MELF SMA-Q 698R 1% 50PPM 0204 0.4W	PRODUCTION
7-2176659-7	SMA-Q0204FTDX715R	MELF SMA-Q 715R 1% 50PPM 0204 0.4W	PRODUCTION
7-2176659-8	SMA-Q0204FTDX732R	MELF SMA-Q 732R 1% 50PPM 0204 0.4W	PRODUCTION
7-2176659-9	SMA-Q0204FTDX750R	MELF SMA-Q 750R 1% 50PPM 0204 0.4W	PRODUCTION
8-2176659-0	SMA-Q0204FTDX768R	MELF SMA-Q 768R 1% 50PPM 0204 0.4W	PRODUCTION
8-2176659-1	SMA-Q0204FTDX787R	MELF SMA-Q 787R 1% 50PPM 0204 0.4W	PRODUCTION
8-2176659-2	SMA-Q0204FTDX806R	MELF SMA-Q 806R 1% 50PPM 0204 0.4W	PRODUCTION
8-2176659-3	SMA-Q0204FTDX825R	MELF SMA-Q 825R 1% 50PPM 0204 0.4W	PRODUCTION
8-2176659-4	SMA-Q0204FTDX845R	MELF SMA-Q 845R 1% 50PPM 0204 0.4W	PRODUCTION
8-2176659-5	SMA-Q0204FTDX866R	MELF SMA-Q 866R 1% 50PPM 0204 0.4W	PRODUCTION
8-2176659-6	SMA-Q0204FTDX887R	MELF SMA-Q 887R 1% 50PPM 0204 0.4W	PRODUCTION
8-2176659-7	SMA-Q0204FTDX909R	MELF SMA-Q 909R 1% 50PPM 0204 0.4W	PRODUCTION
8-2176659-8	SMA-Q0204FTDX931R	MELF SMA-Q 931R 1% 50PPM 0204 0.4W	PRODUCTION
8-2176659-9	SMA-Q0204FTDX953R	MELF SMA-Q 953R 1% 50PPM 0204 0.4W	PRODUCTION
9-2176659-0	SMA-Q0204FTDX976R	MELF SMA-Q 976R 1% 50PPM 0204 0.4W	PRODUCTION
9-2176659-1	SMA-Q0204FTDX1K0	MELF SMA-Q 1K0 1% 50PPM 0204 0.4W	PRODUCTION
9-2176659-2	SMA-Q0204FTDX1K02	MELF SMA-Q 1K02 1% 50PPM 0204 0.4W	PRODUCTION
9-2176659-3	SMA-Q0204FTDX1K05	MELF SMA-Q 1K05 1% 50PPM 0204 0.4W	PRODUCTION
9-2176659-4	SMA-Q0204FTDX1K07	MELF SMA-Q 1K07 1% 50PPM 0204 0.4W	PRODUCTION
9-2176659-5	SMA-Q0204FTDX1K1	MELF SMA-Q 1K1 1% 50PPM 0204 0.4W	PRODUCTION
9-2176659-6	SMA-Q0204FTDX1K13	MELF SMA-Q 1K13 1% 50PPM 0204 0.4W	PRODUCTION
9-2176659-7	SMA-Q0204FTDX1K15	MELF SMA-Q 1K15 1% 50PPM 0204 0.4W	PRODUCTION
9-2176659-8	SMA-Q0204FTDX1K18	MELF SMA-Q 1K18 1% 50PPM 0204 0.4W	PRODUCTION
9-2176659-9	SMA-Q0204FTDX1K21	MELF SMA-Q 1K21 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 22NOV2023

DHEERAJ M

CHK 22NOV2023

TRACY G

APVD 22NOV2023

ALLAN P

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 C-2176659

SCALE 20:1 SHEET 3 OF 3 REV BA