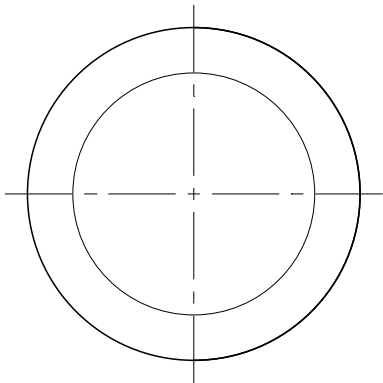
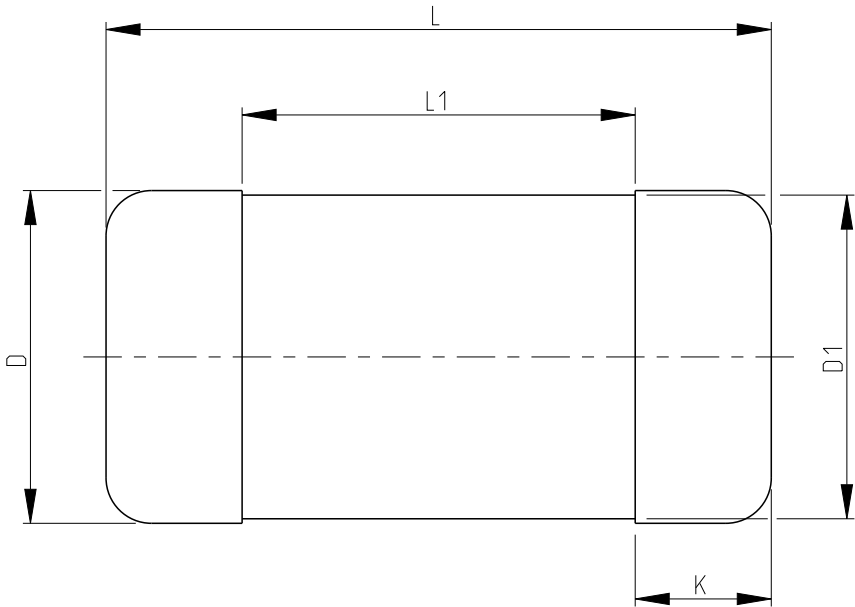
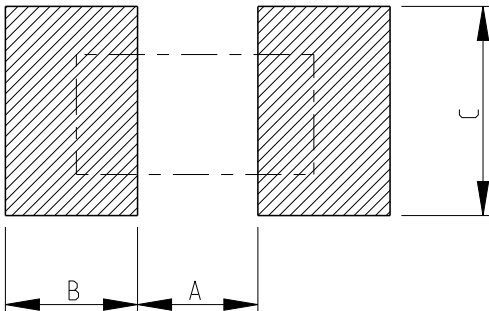


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	22NOV2023	DM	AP
	BA1	NEW PN'S ADDED TO SCHEDULE	03SEP2024	DM	SK

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



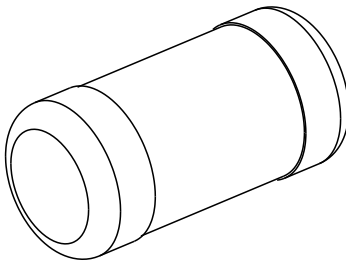
RECOMMENDED LAND PATTERN

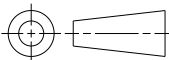


SIZE	A (mm)	B (mm)	C (mm)
SMA-Q 0102	1	0.8	1.5

RoHS Compliant

TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0102	2.2±0.1	1.1	1.1±0.1	D +0/-0.15	0.45±0.05	7.7



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M 22NOV2023	 TE Connectivity			
DIMENSIONS: mm		CHK TRACY G 22NOV2023	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0102 SERIES			
		APVD ALLAN P 22NOV2023				
		PRODUCT SPEC -				
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.2 1 PLC ±0.1 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±5°		APPLICATION SPEC -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2176650	RESTRICTED TO -
		WEIGHT -				
		MATERIAL - -	FINISH - -	CUSTOMER DRAWING		
			SCALE 40:1	SHEET 1 OF 3	REV BA1	

REVISIONS

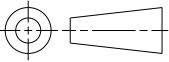
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176650-1	SMA-Q0102FTDL143K	MELF SMA-Q 143K 1% 50PPM 0102 0.3W	PRODUCTION
2176650-2	SMA-Q0102FTDL147K	MELF SMA-Q 147K 1% 50PPM 0102 0.3W	PRODUCTION
2176650-3	SMA-Q0102FTDL150K	MELF SMA-Q 150K 1% 50PPM 0102 0.3W	PRODUCTION
2176650-4	SMA-Q0102FTDL154K	MELF SMA-Q 154K 1% 50PPM 0102 0.3W	PRODUCTION
2176650-5	SMA-Q0102FTDL158K	MELF SMA-Q 158K 1% 50PPM 0102 0.3W	PRODUCTION
2176650-6	SMA-Q0102FTDL162K	MELF SMA-Q 162K 1% 50PPM 0102 0.3W	PRODUCTION
2176650-7	SMA-Q0102FTDL165K	MELF SMA-Q 165K 1% 50PPM 0102 0.3W	PRODUCTION
2176650-8	SMA-Q0102FTDL169K	MELF SMA-Q 169K 1% 50PPM 0102 0.3W	PRODUCTION
2176650-9	SMA-Q0102FTDL174K	MELF SMA-Q 174K 1% 50PPM 0102 0.3W	PRODUCTION
1-2176650-0	SMA-Q0102FTDL178K	MELF SMA-Q 178K 1% 50PPM 0102 0.3W	PRODUCTION
1-2176650-1	SMA-Q0102FTDL182K	MELF SMA-Q 182K 1% 50PPM 0102 0.3W	PRODUCTION
1-2176650-2	SMA-Q0102FTDL187K	MELF SMA-Q 187K 1% 50PPM 0102 0.3W	PRODUCTION
1-2176650-3	SMA-Q0102FTDL191K	MELF SMA-Q 191K 1% 50PPM 0102 0.3W	PRODUCTION
1-2176650-4	SMA-Q0102FTDL196K	MELF SMA-Q 196K 1% 50PPM 0102 0.3W	PRODUCTION
1-2176650-5	SMA-Q0102FTDL200K	MELF SMA-Q 200K 1% 50PPM 0102 0.3W	PRODUCTION
1-2176650-6	SMA-Q0102FTDL205K	MELF SMA-Q 205K 1% 50PPM 0102 0.3W	PRODUCTION
1-2176650-7	SMA-Q0102FTDL210K	MELF SMA-Q 210K 1% 50PPM 0102 0.3W	PRODUCTION
1-2176650-8	SMA-Q0102FTDL215K	MELF SMA-Q 215K 1% 50PPM 0102 0.3W	PRODUCTION
1-2176650-9	SMA-Q0102FTDL221K	MELF SMA-Q 221K 1% 50PPM 0102 0.3W	PRODUCTION
2-2176650-0	SMA-Q0102FTDL226K	MELF SMA-Q 226K 1% 50PPM 0102 0.3W	PRODUCTION
2-2176650-1	SMA-Q0102FTDL232K	MELF SMA-Q 232K 1% 50PPM 0102 0.3W	PRODUCTION
2-2176650-2	SMA-Q0102FTDL237K	MELF SMA-Q 237K 1% 50PPM 0102 0.3W	PRODUCTION
2-2176650-3	SMA-Q0102FTDL243K	MELF SMA-Q 243K 1% 50PPM 0102 0.3W	PRODUCTION
2-2176650-4	SMA-Q0102FTDL249K	MELF SMA-Q 249K 1% 50PPM 0102 0.3W	PRODUCTION
2-2176650-5	SMA-Q0102FTDL255K	MELF SMA-Q 255K 1% 50PPM 0102 0.3W	PRODUCTION
2-2176650-6	SMA-Q0102FTDL261K	MELF SMA-Q 261K 1% 50PPM 0102 0.3W	PRODUCTION
2-2176650-7	SMA-Q0102FTDL267K	MELF SMA-Q 267K 1% 50PPM 0102 0.3W	PRODUCTION
2-2176650-8	SMA-Q0102FTDL274K	MELF SMA-Q 274K 1% 50PPM 0102 0.3W	PRODUCTION
2-2176650-9	SMA-Q0102FTDL280K	MELF SMA-Q 280K 1% 50PPM 0102 0.3W	PRODUCTION
3-2176650-0	SMA-Q0102FTDL287K	MELF SMA-Q 287K 1% 50PPM 0102 0.3W	PRODUCTION
3-2176650-1	SMA-Q0102FTDL294K	MELF SMA-Q 294K 1% 50PPM 0102 0.3W	PRODUCTION
3-2176650-2	SMA-Q0102FTDL301K	MELF SMA-Q 301K 1% 50PPM 0102 0.3W	PRODUCTION
3-2176650-3	SMA-Q0102FTDL309K	MELF SMA-Q 309K 1% 50PPM 0102 0.3W	PRODUCTION

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176650-4	SMA-Q0102FTDL316K	MELF SMA-Q 316K 1% 50PPM 0102 0.3W	PRODUCTION
3-2176650-5	SMA-Q0102FTDL324K	MELF SMA-Q 324K 1% 50PPM 0102 0.3W	PRODUCTION
3-2176650-6	SMA-Q0102FTDL332K	MELF SMA-Q 332K 1% 50PPM 0102 0.3W	PRODUCTION
3-2176650-7	SMA-Q0102FTDL340K	MELF SMA-Q 340K 1% 50PPM 0102 0.3W	PRODUCTION
3-2176650-8	SMA-Q0102FTDL348K	MELF SMA-Q 348K 1% 50PPM 0102 0.3W	PRODUCTION
3-2176650-9	SMA-Q0102FTDL357K	MELF SMA-Q 357K 1% 50PPM 0102 0.3W	PRODUCTION
4-2176650-0	SMA-Q0102FTDL365K	MELF SMA-Q 365K 1% 50PPM 0102 0.3W	PRODUCTION
4-2176650-1	SMA-Q0102FTDL374K	MELF SMA-Q 374K 1% 50PPM 0102 0.3W	PRODUCTION
4-2176650-2	SMA-Q0102FTDL383K	MELF SMA-Q 383K 1% 50PPM 0102 0.3W	PRODUCTION
4-2176650-3	SMA-Q0102FTDL392K	MELF SMA-Q 392K 1% 50PPM 0102 0.3W	PRODUCTION
4-2176650-4	SMA-Q0102FTDL402K	MELF SMA-Q 402K 1% 50PPM 0102 0.3W	PRODUCTION
4-2176650-5	SMA-Q0102FTDL412K	MELF SMA-Q 412K 1% 50PPM 0102 0.3W	PRODUCTION
4-2176650-6	SMA-Q0102FTDL422K	MELF SMA-Q 422K 1% 50PPM 0102 0.3W	PRODUCTION
4-2176650-7	SMA-Q0102FTDL432K	MELF SMA-Q 432K 1% 50PPM 0102 0.3W	PRODUCTION
4-2176650-8	SMA-Q0102FTDL442K	MELF SMA-Q 442K 1% 50PPM 0102 0.3W	PRODUCTION
4-2176650-9	SMA-Q0102FTDL453K	MELF SMA-Q 453K 1% 50PPM 0102 0.3W	PRODUCTION
5-2176650-0	SMA-Q0102FTDL464K	MELF SMA-Q 464K 1% 50PPM 0102 0.3W	PRODUCTION
5-2176650-1	SMA-Q0102FTDL475K	MELF SMA-Q 475K 1% 50PPM 0102 0.3W	PRODUCTION
5-2176650-2	SMA-Q0102FTDL487K	MELF SMA-Q 487K 1% 50PPM 0102 0.3W	PRODUCTION
5-2176650-3	SMA-Q0102FTDL499K	MELF SMA-Q 499K 1% 50PPM 0102 0.3W	PRODUCTION
5-2176650-4	SMA-Q0102FTDL511K	MELF SMA-Q 511K 1% 50PPM 0102 0.3W	PRODUCTION
5-2176650-5	SMA-Q0102FTDL523K	MELF SMA-Q 523K 1% 50PPM 0102 0.3W	PRODUCTION
5-2176650-6	SMA-Q0102FTDL536K	MELF SMA-Q 536K 1% 50PPM 0102 0.3W	PRODUCTION
5-2176650-7	SMA-Q0102FTDL549K	MELF SMA-Q 549K 1% 50PPM 0102 0.3W	PRODUCTION
5-2176650-8	SMA-Q0102FTDL562K	MELF SMA-Q 562K 1% 50PPM 0102 0.3W	PRODUCTION
5-2176650-9	SMA-Q0102FTDL576K	MELF SMA-Q 576K 1% 50PPM 0102 0.3W	PRODUCTION
6-2176650-0	SMA-Q0102FTDL590K	MELF SMA-Q 590K 1% 50PPM 0102 0.3W	PRODUCTION
6-2176650-1	SMA-Q0102FTDL604K	MELF SMA-Q 604K 1% 50PPM 0102 0.3W	PRODUCTION
6-2176650-2	SMA-Q0102FTDL619K	MELF SMA-Q 619K 1% 50PPM 0102 0.3W	PRODUCTION
6-2176650-3	SMA-Q0102FTDL634K	MELF SMA-Q 634K 1% 50PPM 0102 0.3W	PRODUCTION
6-2176650-4	SMA-Q0102FTDL649K	MELF SMA-Q 649K 1% 50PPM 0102 0.3W	PRODUCTION
6-2176650-5	SMA-Q0102FTDL665K	MELF SMA-Q 665K 1% 50PPM 0102 0.3W	PRODUCTION
6-2176650-6	SMA-Q0102FTDL681K	MELF SMA-Q 681K 1% 50PPM 0102 0.3W	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 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 0102 SERIES

SIZE

A3

CAGE CODE

00779

DRAWING NO

©-2176650

RESTRICTED TO

-

CUSTOMER DRAWING

SCALE 40:1

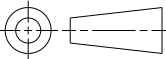
SHEET 2 OF 3

REV BA1

REVISIONS

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

SCHEDULE					
TCPN	CATALOGUE NUMBER	PART DESCRIPTION			PART STATUS
6-2176650-7	SMA-Q0102FTDL698K	MELF	SMA-Q	698K 1% 50PPM 0102 0.3W	PRODUCTION
6-2176650-8	SMA-Q0102FTDL715K	MELF	SMA-Q	715K 1% 50PPM 0102 0.3W	PRODUCTION
6-2176650-9	SMA-Q0102FTDL732K	MELF	SMA-Q	732K 1% 50PPM 0102 0.3W	PRODUCTION
7-2176650-0	SMA-Q0102FTDL750K	MELF	SMA-Q	750K 1% 50PPM 0102 0.3W	PRODUCTION
7-2176650-1	SMA-Q0102FTDL768K	MELF	SMA-Q	768K 1% 50PPM 0102 0.3W	PRODUCTION
7-2176650-2	SMA-Q0102FTDL787K	MELF	SMA-Q	787K 1% 50PPM 0102 0.3W	PRODUCTION
7-2176650-3	SMA-Q0102FTDL806K	MELF	SMA-Q	806K 1% 50PPM 0102 0.3W	PRODUCTION
7-2176650-4	SMA-Q0102FTDL825K	MELF	SMA-Q	825K 1% 50PPM 0102 0.3W	PRODUCTION
7-2176650-5	SMA-Q0102FTDL845K	MELF	SMA-Q	845K 1% 50PPM 0102 0.3W	PRODUCTION
7-2176650-6	SMA-Q0102FTDL866K	MELF	SMA-Q	866K 1% 50PPM 0102 0.3W	PRODUCTION
7-2176650-7	SMA-Q0102FTDL887K	MELF	SMA-Q	887K 1% 50PPM 0102 0.3W	PRODUCTION
7-2176650-8	SMA-Q0102FTDL909K	MELF	SMA-Q	909K 1% 50PPM 0102 0.3W	PRODUCTION
7-2176650-9	SMA-Q0102FTDL931K	MELF	SMA-Q	931K 1% 50PPM 0102 0.3W	PRODUCTION
8-2176650-0	SMA-Q0102FTDL953K	MELF	SMA-Q	953K 1% 50PPM 0102 0.3W	PRODUCTION
8-2176650-1	SMA-Q0102FTDL976K	MELF	SMA-Q	976K 1% 50PPM 0102 0.3W	PRODUCTION
8-2176650-2	SMA-Q0102FTDL1M0	MELF	SMA-Q	1M0 1% 50PPM 0102 0.3W	PRODUCTION
8-2176650-3	SMA-Q0102BTNL62K	MELF	SMA-Q	62R 1% 50PPM 0102 0.3W	PRODUCTION
8-2176650-4	SMA-Q0102FTDP470R	MELF	SMA-Q	470R 1% 50PPM 0102 0.2W	PRODUCTION
8-2176650-5	SMA-Q0102FTDL270K	MELF	SMA-Q	270K 1% 50PPM 0102 0.3W	PRODUCTION
8-2176650-6	SMA-Q0102FTDL300K	MELF	SMA-Q	300K 1% 50PPM 0102 0.3W	PRODUCTION
8-2176650-7	SMA-Q0102FTDL470K	MELF	SMA-Q	470K 1% 50PPM 0102 0.3W	PRODUCTION
8-2176650-8	SMA-Q0102FTDL560K	MELF	SMA-Q	560K 1% 50PPM 0102 0.3W	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M 22NOV2023	 TE Connectivity		
		CHK TRACY G 22NOV2023			
DIMENSIONS: mm		APVD ALLAN P 22NOV2023	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0102 SERIES		
		PRODUCT SPEC -	SIZE A3 CAGE CODE 00779 DRAWING NO C-2176650 RESTRICTED TO -		
		APPLICATION SPEC -			
MATERIAL -		WEIGHT -			
FINISH -		CUSTOMER DRAWING SCALE 40:1 SHEET 3 OF 3 REV BA1			