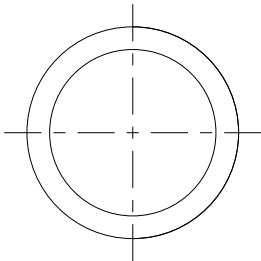
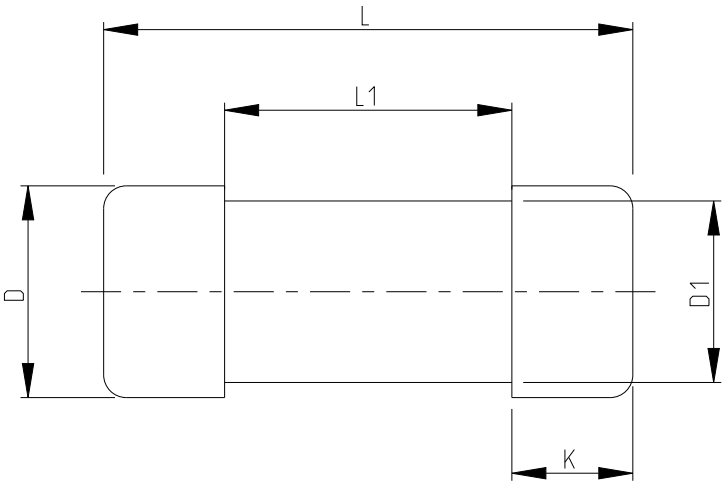
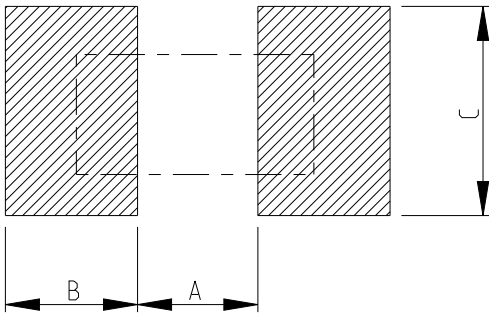


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	22NOV2023	DM	AP

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



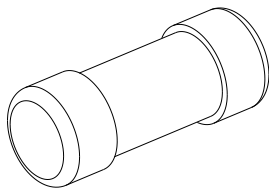
RECOMMENDED LAND PATTERN

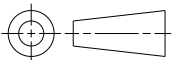


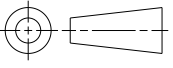
TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0204	3.5 ±0.2	1.7	1.4 ±0.15	D +0/-0.2	0.8 ±0.1	18.7

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						
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°						
MATERIAL - -		FINISH - -		SIZE A3		CAGE CODE 00779	DRAWING NO C-2176653	RESTRICTED TO -
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

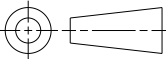
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176653-1	SMA-Q0204BTCX1K13	MELF SMA-Q 1K13 0.1% 25PPM 0204 0.4W	PRODUCTION
2176653-2	SMA-Q0204BTCX1K15	MELF SMA-Q 1K15 0.1% 25PPM 0204 0.4W	PRODUCTION
2176653-3	SMA-Q0204BTCX1K18	MELF SMA-Q 1K18 0.1% 25PPM 0204 0.4W	PRODUCTION
2176653-4	SMA-Q0204BTCX1K21	MELF SMA-Q 1K21 0.1% 25PPM 0204 0.4W	PRODUCTION
2176653-5	SMA-Q0204BTCX1K24	MELF SMA-Q 1K24 0.1% 25PPM 0204 0.4W	PRODUCTION
2176653-6	SMA-Q0204BTCX1K27	MELF SMA-Q 1K27 0.1% 25PPM 0204 0.4W	PRODUCTION
2176653-7	SMA-Q0204BTCX1K3	MELF SMA-Q 1K3 0.1% 25PPM 0204 0.4W	PRODUCTION
2176653-8	SMA-Q0204BTCX1K33	MELF SMA-Q 1K33 0.1% 25PPM 0204 0.4W	PRODUCTION
2176653-9	SMA-Q0204BTCX1K37	MELF SMA-Q 1K37 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176653-0	SMA-Q0204BTCX1K4	MELF SMA-Q 1K4 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176653-1	SMA-Q0204BTCX1K43	MELF SMA-Q 1K43 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176653-2	SMA-Q0204BTCX1K47	MELF SMA-Q 1K47 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176653-3	SMA-Q0204BTCX1K5	MELF SMA-Q 1K5 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176653-4	SMA-Q0204BTCX1K54	MELF SMA-Q 1K54 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176653-5	SMA-Q0204BTCX1K58	MELF SMA-Q 1K58 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176653-6	SMA-Q0204BTCX1K62	MELF SMA-Q 1K62 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176653-7	SMA-Q0204BTCX1K65	MELF SMA-Q 1K65 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176653-8	SMA-Q0204BTCX1K69	MELF SMA-Q 1K69 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176653-9	SMA-Q0204BTCX1K74	MELF SMA-Q 1K74 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176653-0	SMA-Q0204BTCX1K78	MELF SMA-Q 1K78 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176653-1	SMA-Q0204BTCX1K82	MELF SMA-Q 1K82 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176653-2	SMA-Q0204BTCX1K87	MELF SMA-Q 1K87 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176653-3	SMA-Q0204BTCX1K91	MELF SMA-Q 1K91 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176653-4	SMA-Q0204BTCX1K96	MELF SMA-Q 1K96 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176653-5	SMA-Q0204BTCX2K0	MELF SMA-Q 2K0 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176653-6	SMA-Q0204BTCX2K05	MELF SMA-Q 2K05 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176653-7	SMA-Q0204BTCX2K1	MELF SMA-Q 2K1 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176653-8	SMA-Q0204BTCX2K15	MELF SMA-Q 2K15 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176653-9	SMA-Q0204BTCX2K21	MELF SMA-Q 2K21 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176653-0	SMA-Q0204BTCX2K26	MELF SMA-Q 2K26 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176653-1	SMA-Q0204BTCX2K32	MELF SMA-Q 2K32 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176653-2	SMA-Q0204BTCX2K37	MELF SMA-Q 2K37 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176653-3	SMA-Q0204BTCX2K43	MELF SMA-Q 2K43 0.1% 25PPM 0204 0.4W	PRODUCTION

SCHEDULE

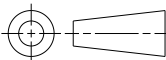
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176653-4	SMA-Q0204BTCX2K49	MELF SMA-Q 2K49 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176653-5	SMA-Q0204BTCX2K55	MELF SMA-Q 2K55 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176653-6	SMA-Q0204BTCX2K61	MELF SMA-Q 2K61 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176653-7	SMA-Q0204BTCX2K67	MELF SMA-Q 2K67 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176653-8	SMA-Q0204BTCX2K74	MELF SMA-Q 2K74 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176653-9	SMA-Q0204BTCX2K8	MELF SMA-Q 2K8 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176653-0	SMA-Q0204BTCX2K87	MELF SMA-Q 2K87 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176653-1	SMA-Q0204BTCX2K94	MELF SMA-Q 2K94 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176653-2	SMA-Q0204BTCX3K01	MELF SMA-Q 3K01 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176653-3	SMA-Q0204BTCX3K09	MELF SMA-Q 3K09 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176653-4	SMA-Q0204BTCX3K16	MELF SMA-Q 3K16 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176653-5	SMA-Q0204BTCX3K24	MELF SMA-Q 3K24 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176653-6	SMA-Q0204BTCX3K32	MELF SMA-Q 3K32 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176653-7	SMA-Q0204BTCX3K4	MELF SMA-Q 3K4 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176653-8	SMA-Q0204BTCX3K48	MELF SMA-Q 3K48 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176653-9	SMA-Q0204BTCX3K57	MELF SMA-Q 3K57 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176653-0	SMA-Q0204BTCX3K65	MELF SMA-Q 3K65 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176653-1	SMA-Q0204BTCX3K74	MELF SMA-Q 3K74 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176653-2	SMA-Q0204BTCX3K83	MELF SMA-Q 3K83 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176653-3	SMA-Q0204BTCX3K92	MELF SMA-Q 3K92 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176653-4	SMA-Q0204BTCX4K02	MELF SMA-Q 4K02 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176653-5	SMA-Q0204BTCX4K12	MELF SMA-Q 4K12 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176653-6	SMA-Q0204BTCX4K22	MELF SMA-Q 4K22 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176653-7	SMA-Q0204BTCX4K32	MELF SMA-Q 4K32 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176653-8	SMA-Q0204BTCX4K42	MELF SMA-Q 4K42 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176653-9	SMA-Q0204BTCX4K53	MELF SMA-Q 4K53 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176653-0	SMA-Q0204BTCX4K64	MELF SMA-Q 4K64 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176653-1	SMA-Q0204BTCX4K75	MELF SMA-Q 4K75 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176653-2	SMA-Q0204BTCX4K87	MELF SMA-Q 4K87 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176653-3	SMA-Q0204BTCX4K99	MELF SMA-Q 4K99 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176653-4	SMA-Q0204BTCX5K11	MELF SMA-Q 5K11 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176653-5	SMA-Q0204BTCX5K23	MELF SMA-Q 5K23 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176653-6	SMA-Q0204BTCX5K36	MELF SMA-Q 5K36 0.1% 25PPM 0204 0.4W	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M	22NOV2023	 TE Connectivity		
		CHK TRACY G	22NOV2023			
		APVD ALLAN P	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°		PRODUCT SPEC -		
				APPLICATION SPEC -		
MATERIAL -		FINISH -		WEIGHT -		SIZE A3
				CAGE CODE 00779		DRAWING NO C-2176653
				CUSTOMER DRAWING		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
6-2176653-7	SMA-Q0204BTCX5K49	MELF SMA-Q 5K49 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176653-8	SMA-Q0204BTCX5K62	MELF SMA-Q 5K62 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176653-9	SMA-Q0204BTCX5K76	MELF SMA-Q 5K76 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176653-0	SMA-Q0204BTCX5K9	MELF SMA-Q 5K9 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176653-1	SMA-Q0204BTCX6K04	MELF SMA-Q 6K04 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176653-2	SMA-Q0204BTCX6K19	MELF SMA-Q 6K19 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176653-3	SMA-Q0204BTCX6K34	MELF SMA-Q 6K34 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176653-4	SMA-Q0204BTCX6K49	MELF SMA-Q 6K49 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176653-5	SMA-Q0204BTCX6K65	MELF SMA-Q 6K65 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176653-6	SMA-Q0204BTCX6K81	MELF SMA-Q 6K81 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176653-7	SMA-Q0204BTCX6K98	MELF SMA-Q 6K98 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176653-8	SMA-Q0204BTCX7K15	MELF SMA-Q 7K15 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176653-9	SMA-Q0204BTCX7K32	MELF SMA-Q 7K32 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176653-0	SMA-Q0204BTCX7K5	MELF SMA-Q 7K5 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176653-1	SMA-Q0204BTCX7K68	MELF SMA-Q 7K68 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176653-2	SMA-Q0204BTCX7K87	MELF SMA-Q 7K87 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176653-3	SMA-Q0204BTCX8K06	MELF SMA-Q 8K06 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176653-4	SMA-Q0204BTCX8K25	MELF SMA-Q 8K25 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176653-5	SMA-Q0204BTCX8K45	MELF SMA-Q 8K45 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176653-6	SMA-Q0204BTCX8K66	MELF SMA-Q 8K66 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176653-7	SMA-Q0204BTCX8K87	MELF SMA-Q 8K87 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176653-8	SMA-Q0204BTCX9K09	MELF SMA-Q 9K09 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176653-9	SMA-Q0204BTCX9K31	MELF SMA-Q 9K31 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176653-0	SMA-Q0204BTCX9K53	MELF SMA-Q 9K53 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176653-1	SMA-Q0204BTCX9K76	MELF SMA-Q 9K76 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176653-2	SMA-Q0204BTCX10K	MELF SMA-Q 10K 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176653-3	SMA-Q0204BTCX10K2	MELF SMA-Q 10K2 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176653-4	SMA-Q0204BTCX10K5	MELF SMA-Q 10K5 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176653-5	SMA-Q0204BTCX10K7	MELF SMA-Q 10K7 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176653-6	SMA-Q0204BTCX11K	MELF SMA-Q 11K 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176653-7	SMA-Q0204BTCX11K3	MELF SMA-Q 11K3 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176653-8	SMA-Q0204BTCX11K5	MELF SMA-Q 11K5 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176653-9	SMA-Q0204BTCX11K8	MELF SMA-Q 11K8 0.1% 25PPM 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: 0 PLC ±0.2 1 PLC ±0.1 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±5°		APVD ALLAN P 22NOV2023		NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0204 SERIES	
				PRODUCT SPEC -			
				APPLICATION SPEC -			
				WEIGHT -			
				CUSTOMER DRAWING			
MATERIAL - -		FINISH - -				RESTRICTED TO -	