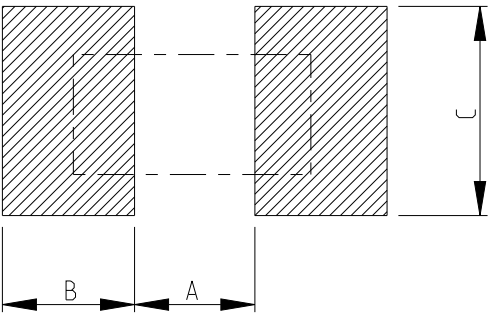


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	22NOV2023	DM	AP

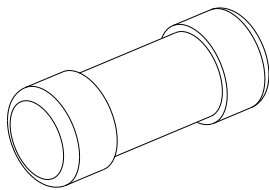
FOR FURTHER INFORMATION SEE DATA SHEET OF METAL FILM PRECISION
MELF RESISTOR AEC-Q200 QUALIFIED TYPE SMA-Q SERIES

RECOMMENDED LAND PATTERN

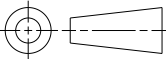


SIZE	A (mm)	B (mm)	C (mm)
SMA-Q 0204	1.6	1.2	1.6

RoHS Compliant



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

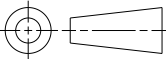
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M 22NOV2023	 TE Connectivity		
		CHK TRACY G 22NOV2023			
		APVD ALLAN P 22NOV2023			
		PRODUCT SPEC -			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0204 SERIES		
		0 PLC ±0.2 1 PLC ±0.1 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±5°	SIZE A3		
		FINISH -	CAGE CODE 00779		
MATERIAL -			DRAWING NO C-2176657		
			RESTRICTED TO -		
			SCALE 20:1		
			SHEET 1 OF 3		
			REV BA		
			CUSTOMER DRAWING		

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176657-1	SMA-Q0204FTDX1R0	MELF SMA-Q 1R0 1% 50PPM 0204 0.4W	PRODUCTION
2176657-2	SMA-Q0204FTDX1R02	MELF SMA-Q 1R02 1% 50PPM 0204 0.4W	PRODUCTION
2176657-3	SMA-Q0204FTDX1R05	MELF SMA-Q 1R05 1% 50PPM 0204 0.4W	PRODUCTION
2176657-4	SMA-Q0204FTDX1R07	MELF SMA-Q 1R07 1% 50PPM 0204 0.4W	PRODUCTION
2176657-5	SMA-Q0204FTDX1R1	MELF SMA-Q 1R1 1% 50PPM 0204 0.4W	PRODUCTION
2176657-6	SMA-Q0204FTDX1R13	MELF SMA-Q 1R13 1% 50PPM 0204 0.4W	PRODUCTION
2176657-7	SMA-Q0204FTDX1R15	MELF SMA-Q 1R15 1% 50PPM 0204 0.4W	PRODUCTION
2176657-8	SMA-Q0204FTDX1R18	MELF SMA-Q 1R18 1% 50PPM 0204 0.4W	PRODUCTION
2176657-9	SMA-Q0204FTDX1R21	MELF SMA-Q 1R21 1% 50PPM 0204 0.4W	PRODUCTION
1-2176657-0	SMA-Q0204FTDX1R24	MELF SMA-Q 1R24 1% 50PPM 0204 0.4W	PRODUCTION
1-2176657-1	SMA-Q0204FTDX1R27	MELF SMA-Q 1R27 1% 50PPM 0204 0.4W	PRODUCTION
1-2176657-2	SMA-Q0204FTDX1R3	MELF SMA-Q 1R3 1% 50PPM 0204 0.4W	PRODUCTION
1-2176657-3	SMA-Q0204FTDX1R33	MELF SMA-Q 1R33 1% 50PPM 0204 0.4W	PRODUCTION
1-2176657-4	SMA-Q0204FTDX1R37	MELF SMA-Q 1R37 1% 50PPM 0204 0.4W	PRODUCTION
1-2176657-5	SMA-Q0204FTDX1R4	MELF SMA-Q 1R4 1% 50PPM 0204 0.4W	PRODUCTION
1-2176657-6	SMA-Q0204FTDX1R43	MELF SMA-Q 1R43 1% 50PPM 0204 0.4W	PRODUCTION
1-2176657-7	SMA-Q0204FTDX1R47	MELF SMA-Q 1R47 1% 50PPM 0204 0.4W	PRODUCTION
1-2176657-8	SMA-Q0204FTDX1R5	MELF SMA-Q 1R5 1% 50PPM 0204 0.4W	PRODUCTION
1-2176657-9	SMA-Q0204FTDX1R54	MELF SMA-Q 1R54 1% 50PPM 0204 0.4W	PRODUCTION
2-2176657-0	SMA-Q0204FTDX1R58	MELF SMA-Q 1R58 1% 50PPM 0204 0.4W	PRODUCTION
2-2176657-1	SMA-Q0204FTDX1R62	MELF SMA-Q 1R62 1% 50PPM 0204 0.4W	PRODUCTION
2-2176657-2	SMA-Q0204FTDX1R65	MELF SMA-Q 1R65 1% 50PPM 0204 0.4W	PRODUCTION
2-2176657-3	SMA-Q0204FTDX1R69	MELF SMA-Q 1R69 1% 50PPM 0204 0.4W	PRODUCTION
2-2176657-4	SMA-Q0204FTDX1R74	MELF SMA-Q 1R74 1% 50PPM 0204 0.4W	PRODUCTION
2-2176657-5	SMA-Q0204FTDX1R78	MELF SMA-Q 1R78 1% 50PPM 0204 0.4W	PRODUCTION
2-2176657-6	SMA-Q0204FTDX1R82	MELF SMA-Q 1R82 1% 50PPM 0204 0.4W	PRODUCTION
2-2176657-7	SMA-Q0204FTDX1R87	MELF SMA-Q 1R87 1% 50PPM 0204 0.4W	PRODUCTION
2-2176657-8	SMA-Q0204FTDX1R91	MELF SMA-Q 1R91 1% 50PPM 0204 0.4W	PRODUCTION
2-2176657-9	SMA-Q0204FTDX1R96	MELF SMA-Q 1R96 1% 50PPM 0204 0.4W	PRODUCTION
3-2176657-0	SMA-Q0204FTDX2R0	MELF SMA-Q 2R0 1% 50PPM 0204 0.4W	PRODUCTION
3-2176657-1	SMA-Q0204FTDX2R05	MELF SMA-Q 2R05 1% 50PPM 0204 0.4W	PRODUCTION
3-2176657-2	SMA-Q0204FTDX2R1	MELF SMA-Q 2R1 1% 50PPM 0204 0.4W	PRODUCTION
3-2176657-3	SMA-Q0204FTDX2R15	MELF SMA-Q 2R15 1% 50PPM 0204 0.4W	PRODUCTION

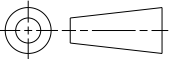
SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176657-4	SMA-Q0204FTDX2R21	MELF SMA-Q 2R21 1% 50PPM 0204 0.4W	PRODUCTION
3-2176657-5	SMA-Q0204FTDX2R26	MELF SMA-Q 2R26 1% 50PPM 0204 0.4W	PRODUCTION
3-2176657-6	SMA-Q0204FTDX2R32	MELF SMA-Q 2R32 1% 50PPM 0204 0.4W	PRODUCTION
3-2176657-7	SMA-Q0204FTDX2R37	MELF SMA-Q 2R37 1% 50PPM 0204 0.4W	PRODUCTION
3-2176657-8	SMA-Q0204FTDX2R43	MELF SMA-Q 2R43 1% 50PPM 0204 0.4W	PRODUCTION
3-2176657-9	SMA-Q0204FTDX2R49	MELF SMA-Q 2R49 1% 50PPM 0204 0.4W	PRODUCTION
4-2176657-0	SMA-Q0204FTDX2R55	MELF SMA-Q 2R55 1% 50PPM 0204 0.4W	PRODUCTION
4-2176657-1	SMA-Q0204FTDX2R61	MELF SMA-Q 2R61 1% 50PPM 0204 0.4W	PRODUCTION
4-2176657-2	SMA-Q0204FTDX2R67	MELF SMA-Q 2R67 1% 50PPM 0204 0.4W	PRODUCTION
4-2176657-3	SMA-Q0204FTDX2R74	MELF SMA-Q 2R74 1% 50PPM 0204 0.4W	PRODUCTION
4-2176657-4	SMA-Q0204FTDX2R8	MELF SMA-Q 2R8 1% 50PPM 0204 0.4W	PRODUCTION
4-2176657-5	SMA-Q0204FTDX2R87	MELF SMA-Q 2R87 1% 50PPM 0204 0.4W	PRODUCTION
4-2176657-6	SMA-Q0204FTDX2R94	MELF SMA-Q 2R94 1% 50PPM 0204 0.4W	PRODUCTION
4-2176657-7	SMA-Q0204FTDX3R01	MELF SMA-Q 3R01 1% 50PPM 0204 0.4W	PRODUCTION
4-2176657-8	SMA-Q0204FTDX3R09	MELF SMA-Q 3R09 1% 50PPM 0204 0.4W	PRODUCTION
4-2176657-9	SMA-Q0204FTDX3R16	MELF SMA-Q 3R16 1% 50PPM 0204 0.4W	PRODUCTION
5-2176657-0	SMA-Q0204FTDX3R24	MELF SMA-Q 3R24 1% 50PPM 0204 0.4W	PRODUCTION
5-2176657-1	SMA-Q0204FTDX3R32	MELF SMA-Q 3R32 1% 50PPM 0204 0.4W	PRODUCTION
5-2176657-2	SMA-Q0204FTDX3R4	MELF SMA-Q 3R4 1% 50PPM 0204 0.4W	PRODUCTION
5-2176657-3	SMA-Q0204FTDX3R48	MELF SMA-Q 3R48 1% 50PPM 0204 0.4W	PRODUCTION
5-2176657-4	SMA-Q0204FTDX3R57	MELF SMA-Q 3R57 1% 50PPM 0204 0.4W	PRODUCTION
5-2176657-5	SMA-Q0204FTDX3R65	MELF SMA-Q 3R65 1% 50PPM 0204 0.4W	PRODUCTION
5-2176657-6	SMA-Q0204FTDX3R74	MELF SMA-Q 3R74 1% 50PPM 0204 0.4W	PRODUCTION
5-2176657-7	SMA-Q0204FTDX3R83	MELF SMA-Q 3R83 1% 50PPM 0204 0.4W	PRODUCTION
5-2176657-8	SMA-Q0204FTDX3R92	MELF SMA-Q 3R92 1% 50PPM 0204 0.4W	PRODUCTION
5-2176657-9	SMA-Q0204FTDX4R02	MELF SMA-Q 4R02 1% 50PPM 0204 0.4W	PRODUCTION
6-2176657-0	SMA-Q0204FTDX4R12	MELF SMA-Q 4R12 1% 50PPM 0204 0.4W	PRODUCTION
6-2176657-1	SMA-Q0204FTDX4R22	MELF SMA-Q 4R22 1% 50PPM 0204 0.4W	PRODUCTION
6-2176657-2	SMA-Q0204FTDX4R32	MELF SMA-Q 4R32 1% 50PPM 0204 0.4W	PRODUCTION
6-2176657-3	SMA-Q0204FTDX4R42	MELF SMA-Q 4R42 1% 50PPM 0204 0.4W	PRODUCTION
6-2176657-4	SMA-Q0204FTDX4R53	MELF SMA-Q 4R53 1% 50PPM 0204 0.4W	PRODUCTION
6-2176657-5	SMA-Q0204FTDX4R64	MELF SMA-Q 4R64 1% 50PPM 0204 0.4W	PRODUCTION
6-2176657-6	SMA-Q0204FTDX4R75	MELF SMA-Q 4R75 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 ±°	APVD ALLAN P			
MATERIAL - -	FINISH - -	PRODUCT SPEC -		SIZE A3		
		APPLICATION SPEC -				
		WEIGHT -		CAGE CODE 00779	DRAWING NO C-2176657	RESTRICTED TO -
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
6-2176657-7	SMA-Q0204FTDX4R87	MELF SMA-Q 4R87 1% 50PPM 0204 0.4W	PRODUCTION
6-2176657-8	SMA-Q0204FTDX4R99	MELF SMA-Q 4R99 1% 50PPM 0204 0.4W	PRODUCTION
6-2176657-9	SMA-Q0204FTDX5R11	MELF SMA-Q 5R11 1% 50PPM 0204 0.4W	PRODUCTION
7-2176657-0	SMA-Q0204FTDX5R23	MELF SMA-Q 5R23 1% 50PPM 0204 0.4W	PRODUCTION
7-2176657-1	SMA-Q0204FTDX5R36	MELF SMA-Q 5R36 1% 50PPM 0204 0.4W	PRODUCTION
7-2176657-2	SMA-Q0204FTDX5R49	MELF SMA-Q 5R49 1% 50PPM 0204 0.4W	PRODUCTION
7-2176657-3	SMA-Q0204FTDX5R62	MELF SMA-Q 5R62 1% 50PPM 0204 0.4W	PRODUCTION
7-2176657-4	SMA-Q0204FTDX5R76	MELF SMA-Q 5R76 1% 50PPM 0204 0.4W	PRODUCTION
7-2176657-5	SMA-Q0204FTDX5R9	MELF SMA-Q 5R9 1% 50PPM 0204 0.4W	PRODUCTION
7-2176657-6	SMA-Q0204FTDX6R04	MELF SMA-Q 6R04 1% 50PPM 0204 0.4W	PRODUCTION
7-2176657-7	SMA-Q0204FTDX6R19	MELF SMA-Q 6R19 1% 50PPM 0204 0.4W	PRODUCTION
7-2176657-8	SMA-Q0204FTDX6R34	MELF SMA-Q 6R34 1% 50PPM 0204 0.4W	PRODUCTION
7-2176657-9	SMA-Q0204FTDX6R49	MELF SMA-Q 6R49 1% 50PPM 0204 0.4W	PRODUCTION
8-2176657-0	SMA-Q0204FTDX6R65	MELF SMA-Q 6R65 1% 50PPM 0204 0.4W	PRODUCTION
8-2176657-1	SMA-Q0204FTDX6R81	MELF SMA-Q 6R81 1% 50PPM 0204 0.4W	PRODUCTION
8-2176657-2	SMA-Q0204FTDX6R98	MELF SMA-Q 6R98 1% 50PPM 0204 0.4W	PRODUCTION
8-2176657-3	SMA-Q0204FTDX7R15	MELF SMA-Q 7R15 1% 50PPM 0204 0.4W	PRODUCTION
8-2176657-4	SMA-Q0204FTDX7R32	MELF SMA-Q 7R32 1% 50PPM 0204 0.4W	PRODUCTION
8-2176657-5	SMA-Q0204FTDX7R5	MELF SMA-Q 7R5 1% 50PPM 0204 0.4W	PRODUCTION
8-2176657-6	SMA-Q0204FTDX7R68	MELF SMA-Q 7R68 1% 50PPM 0204 0.4W	PRODUCTION
8-2176657-7	SMA-Q0204FTDX7R87	MELF SMA-Q 7R87 1% 50PPM 0204 0.4W	PRODUCTION
8-2176657-8	SMA-Q0204FTDX8R06	MELF SMA-Q 8R06 1% 50PPM 0204 0.4W	PRODUCTION
8-2176657-9	SMA-Q0204FTDX8R25	MELF SMA-Q 8R25 1% 50PPM 0204 0.4W	PRODUCTION
9-2176657-0	SMA-Q0204FTDX8R45	MELF SMA-Q 8R45 1% 50PPM 0204 0.4W	PRODUCTION
9-2176657-1	SMA-Q0204FTDX8R66	MELF SMA-Q 8R66 1% 50PPM 0204 0.4W	PRODUCTION
9-2176657-2	SMA-Q0204FTDX8R87	MELF SMA-Q 8R87 1% 50PPM 0204 0.4W	PRODUCTION
9-2176657-3	SMA-Q0204FTDX9R09	MELF SMA-Q 9R09 1% 50PPM 0204 0.4W	PRODUCTION
9-2176657-4	SMA-Q0204FTDX9R31	MELF SMA-Q 9R31 1% 50PPM 0204 0.4W	PRODUCTION
9-2176657-5	SMA-Q0204FTDX9R53	MELF SMA-Q 9R53 1% 50PPM 0204 0.4W	PRODUCTION
9-2176657-6	SMA-Q0204FTDX9R76	MELF SMA-Q 9R76 1% 50PPM 0204 0.4W	PRODUCTION
9-2176657-7	SMA-Q0204FTDX10R	MELF SMA-Q 10R 1% 50PPM 0204 0.4W	PRODUCTION
9-2176657-8	SMA-Q0204FTDX10R2	MELF SMA-Q 10R2 1% 50PPM 0204 0.4W	PRODUCTION
9-2176657-9	SMA-Q0204FTDX10R5	MELF SMA-Q 10R5 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:	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-2176657	RESTRICTED TO -
		WEIGHT -	CUSTOMER DRAWING			SCALE 20:1	SHEET 3 OF 3	REV BA