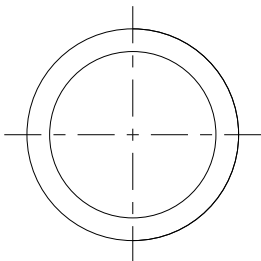
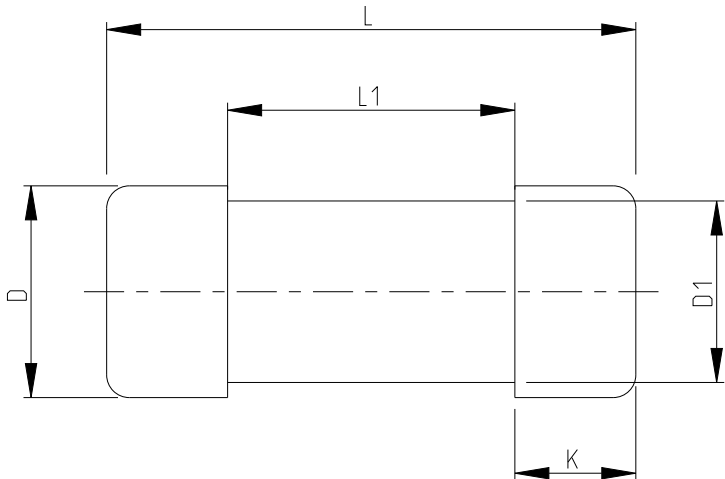
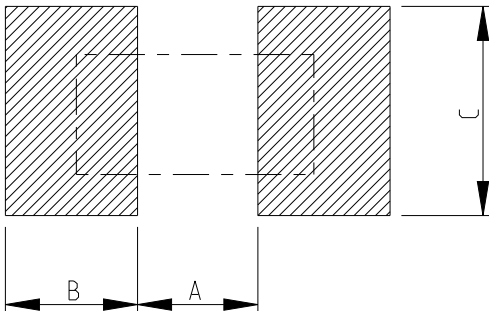


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	22NOV2023	DM	AP

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



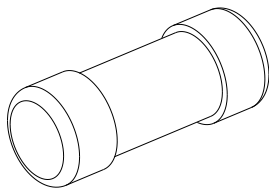
RECOMMENDED LAND PATTERN

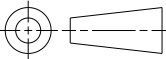


TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0204	3.5 ±0.2	1.7	1.4 ±0.15	D +0/-0.2	0.8 ±0.1	18.7

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

RoHS Compliant



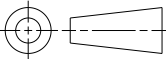
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M 22NOV2023	 TE Connectivity		
		CHK TRACY G 22NOV2023			
DIMENSIONS: mm		APVD ALLAN P 22NOV2023	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0204 SERIES		
		PRODUCT SPEC -			
		APPLICATION SPEC -	SIZE A3 CAGE CODE 00779 DRAWING NO C-2176651		
MATERIAL -		WEIGHT -			
		FINISH -	RESTRICTED TO -		
			CUSTOMER DRAWING		
			SCALE 20:1		
			SHEET 1 OF 3		
			REV BA		

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176651-1	SMA-Q0204XZR	MELF SMA-Q 0.4W ZEROHM 0204 3A	PRODUCTION
2176651-2	SMA-Q0204BTCX10R	MELF SMA-Q 10R 0.1% 25PPM 0204 0.4W	PRODUCTION
2176651-3	SMA-Q0204BTCX10R2	MELF SMA-Q 10R2 0.1% 25PPM 0204 0.4W	PRODUCTION
2176651-4	SMA-Q0204BTCX10R5	MELF SMA-Q 10R5 0.1% 25PPM 0204 0.4W	PRODUCTION
2176651-5	SMA-Q0204BTCX10R7	MELF SMA-Q 10R7 0.1% 25PPM 0204 0.4W	PRODUCTION
2176651-6	SMA-Q0204BTCX11R	MELF SMA-Q 11R 0.1% 25PPM 0204 0.4W	PRODUCTION
2176651-7	SMA-Q0204BTCX11R3	MELF SMA-Q 11R3 0.1% 25PPM 0204 0.4W	PRODUCTION
2176651-8	SMA-Q0204BTCX11R5	MELF SMA-Q 11R5 0.1% 25PPM 0204 0.4W	PRODUCTION
2176651-9	SMA-Q0204BTCX11R8	MELF SMA-Q 11R8 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176651-0	SMA-Q0204BTCX12R1	MELF SMA-Q 12R1 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176651-1	SMA-Q0204BTCX12R4	MELF SMA-Q 12R4 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176651-2	SMA-Q0204BTCX12R7	MELF SMA-Q 12R7 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176651-3	SMA-Q0204BTCX13R	MELF SMA-Q 13R 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176651-4	SMA-Q0204BTCX13R3	MELF SMA-Q 13R3 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176651-5	SMA-Q0204BTCX13R7	MELF SMA-Q 13R7 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176651-6	SMA-Q0204BTCX14R	MELF SMA-Q 14R 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176651-7	SMA-Q0204BTCX14R3	MELF SMA-Q 14R3 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176651-8	SMA-Q0204BTCX14R7	MELF SMA-Q 14R7 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176651-9	SMA-Q0204BTCX15R	MELF SMA-Q 15R 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176651-0	SMA-Q0204BTCX15R4	MELF SMA-Q 15R4 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176651-1	SMA-Q0204BTCX15R8	MELF SMA-Q 15R8 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176651-2	SMA-Q0204BTCX16R2	MELF SMA-Q 16R2 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176651-3	SMA-Q0204BTCX16R5	MELF SMA-Q 16R5 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176651-4	SMA-Q0204BTCX16R9	MELF SMA-Q 16R9 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176651-5	SMA-Q0204BTCX17R4	MELF SMA-Q 17R4 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176651-6	SMA-Q0204BTCX17R8	MELF SMA-Q 17R8 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176651-7	SMA-Q0204BTCX18R2	MELF SMA-Q 18R2 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176651-8	SMA-Q0204BTCX18R7	MELF SMA-Q 18R7 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176651-9	SMA-Q0204BTCX19R1	MELF SMA-Q 19R1 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176651-0	SMA-Q0204BTCX19R6	MELF SMA-Q 19R6 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176651-1	SMA-Q0204BTCX20R	MELF SMA-Q 20R 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176651-2	SMA-Q0204BTCX20R5	MELF SMA-Q 20R5 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176651-3	SMA-Q0204BTCX21R	MELF SMA-Q 21R 0.1% 25PPM 0204 0.4W	PRODUCTION

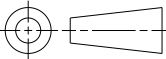
SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176651-4	SMA-Q0204BTCX21R5	MELF SMA-Q 21R5 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176651-5	SMA-Q0204BTCX22R1	MELF SMA-Q 22R1 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176651-6	SMA-Q0204BTCX22R6	MELF SMA-Q 22R6 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176651-7	SMA-Q0204BTCX23R2	MELF SMA-Q 23R2 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176651-8	SMA-Q0204BTCX23R7	MELF SMA-Q 23R7 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176651-9	SMA-Q0204BTCX24R3	MELF SMA-Q 24R3 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176651-0	SMA-Q0204BTCX24R9	MELF SMA-Q 24R9 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176651-1	SMA-Q0204BTCX25R5	MELF SMA-Q 25R5 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176651-2	SMA-Q0204BTCX26R1	MELF SMA-Q 26R1 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176651-3	SMA-Q0204BTCX26R7	MELF SMA-Q 26R7 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176651-4	SMA-Q0204BTCX27R4	MELF SMA-Q 27R4 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176651-5	SMA-Q0204BTCX28R	MELF SMA-Q 28R 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176651-6	SMA-Q0204BTCX28R7	MELF SMA-Q 28R7 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176651-7	SMA-Q0204BTCX29R4	MELF SMA-Q 29R4 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176651-8	SMA-Q0204BTCX30R1	MELF SMA-Q 30R1 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176651-9	SMA-Q0204BTCX30R9	MELF SMA-Q 30R9 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176651-0	SMA-Q0204BTCX31R6	MELF SMA-Q 31R6 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176651-1	SMA-Q0204BTCX32R4	MELF SMA-Q 32R4 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176651-2	SMA-Q0204BTCX33R2	MELF SMA-Q 33R2 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176651-3	SMA-Q0204BTCX34R	MELF SMA-Q 34R 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176651-4	SMA-Q0204BTCX34R8	MELF SMA-Q 34R8 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176651-5	SMA-Q0204BTCX35R7	MELF SMA-Q 35R7 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176651-6	SMA-Q0204BTCX36R5	MELF SMA-Q 36R5 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176651-7	SMA-Q0204BTCX37R4	MELF SMA-Q 37R4 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176651-8	SMA-Q0204BTCX38R3	MELF SMA-Q 38R3 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176651-9	SMA-Q0204BTCX39R2	MELF SMA-Q 39R2 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176651-0	SMA-Q0204BTCX40R2	MELF SMA-Q 40R2 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176651-1	SMA-Q0204BTCX41R2	MELF SMA-Q 41R2 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176651-2	SMA-Q0204BTCX42R2	MELF SMA-Q 42R2 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176651-3	SMA-Q0204BTCX43R2	MELF SMA-Q 43R2 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176651-4	SMA-Q0204BTCX44R2	MELF SMA-Q 44R2 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176651-5	SMA-Q0204BTCX45R3	MELF SMA-Q 45R3 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176651-6	SMA-Q0204BTCX46R4	MELF SMA-Q 46R4 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:		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°	APVD ALLAN P			
MATERIAL - -	FINISH - -	PRODUCT SPEC -		SIZE A3		
		APPLICATION SPEC -		CAGE CODE 00779		
		WEIGHT -		DRAWING NO C-2176651		
CUSTOMER DRAWING				SCALE 40:1	SHEET 2 OF 3	RESTRICTED TO - REV BA

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176651-7	SMA-Q0204BTCX47R5	MELF SMA-Q 47R5 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176651-8	SMA-Q0204BTCX48R7	MELF SMA-Q 48R7 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176651-9	SMA-Q0204BTCX49R9	MELF SMA-Q 49R9 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176651-0	SMA-Q0204BTCX51R1	MELF SMA-Q 51R1 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176651-1	SMA-Q0204BTCX52R3	MELF SMA-Q 52R3 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176651-2	SMA-Q0204BTCX53R6	MELF SMA-Q 53R6 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176651-3	SMA-Q0204BTCX54R9	MELF SMA-Q 54R9 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176651-4	SMA-Q0204BTCX56R2	MELF SMA-Q 56R2 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176651-5	SMA-Q0204BTCX57R6	MELF SMA-Q 57R6 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176651-6	SMA-Q0204BTCX59R	MELF SMA-Q 59R 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176651-7	SMA-Q0204BTCX60R4	MELF SMA-Q 60R4 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176651-8	SMA-Q0204BTCX61R9	MELF SMA-Q 61R9 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176651-9	SMA-Q0204BTCX63R4	MELF SMA-Q 63R4 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176651-0	SMA-Q0204BTCX64R9	MELF SMA-Q 64R9 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176651-1	SMA-Q0204BTCX66R5	MELF SMA-Q 66R5 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176651-2	SMA-Q0204BTCX68R1	MELF SMA-Q 68R1 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176651-3	SMA-Q0204BTCX69R8	MELF SMA-Q 69R8 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176651-4	SMA-Q0204BTCX71R5	MELF SMA-Q 71R5 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176651-5	SMA-Q0204BTCX73R2	MELF SMA-Q 73R2 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176651-6	SMA-Q0204BTCX75R	MELF SMA-Q 75R 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176651-7	SMA-Q0204BTCX76R8	MELF SMA-Q 76R8 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176651-8	SMA-Q0204BTCX78R7	MELF SMA-Q 78R7 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176651-9	SMA-Q0204BTCX80R6	MELF SMA-Q 80R6 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176651-0	SMA-Q0204BTCX82R5	MELF SMA-Q 82R5 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176651-1	SMA-Q0204BTCX84R5	MELF SMA-Q 84R5 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176651-2	SMA-Q0204BTCX86R6	MELF SMA-Q 86R6 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176651-3	SMA-Q0204BTCX88R7	MELF SMA-Q 88R7 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176651-4	SMA-Q0204BTCX90R9	MELF SMA-Q 90R9 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176651-5	SMA-Q0204BTCX93R1	MELF SMA-Q 93R1 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176651-6	SMA-Q0204BTCX95R3	MELF SMA-Q 95R3 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176651-7	SMA-Q0204BTCX97R6	MELF SMA-Q 97R6 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176651-8	SMA-Q0204BTCX100R	MELF SMA-Q 100R 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176651-9	SMA-Q0204BTCX102R	MELF SMA-Q 102R 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:		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°	APVD ALLAN P				
MATERIAL	FINISH	PRODUCT SPEC		SIZE			
		APPLICATION SPEC		CAGE CODE			
-	-	WEIGHT		DRAWING NO			
-	-	CUSTOMER DRAWING		RESTRICTED TO			
		SCALE 40:1		SHEET 3 OF 3		REV BA	