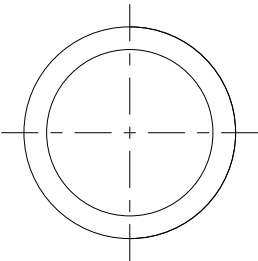
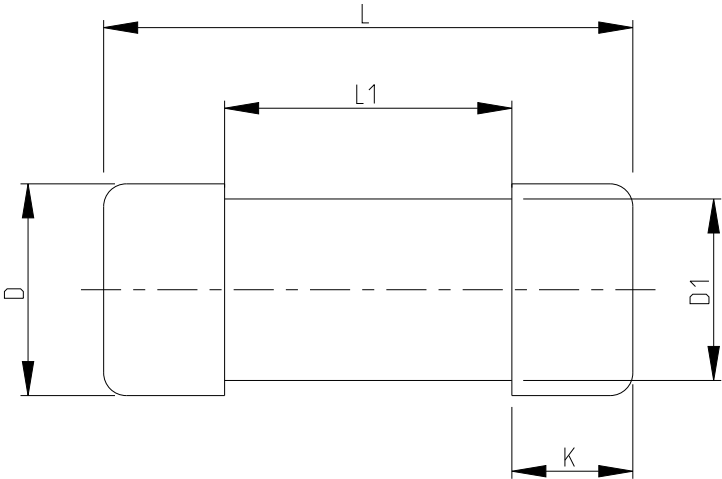
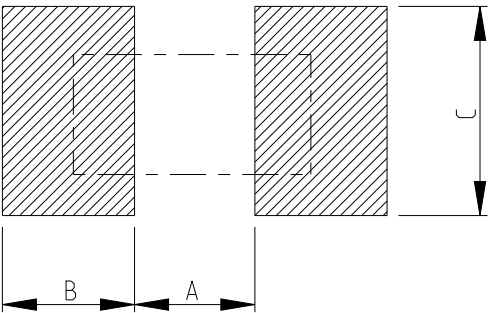


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	22NOV2023	DM	AP

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



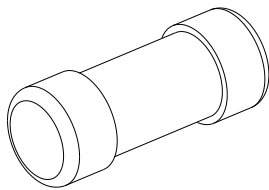
RECOMMENDED LAND PATTERN



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



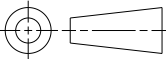
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M 22NOV2023	 TE Connectivity		
		CHK TRACY G 22NOV2023			
		APVD ALLAN P 22NOV2023	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0204 SERIES		
		PRODUCT SPEC			
		APPLICATION SPEC	SIZE A3 CAGE CODE 00779 DRAWING NO C=2176658		
		WEIGHT			
		CUSTOMER DRAWING	RESTRICTED TO		
		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
2176658-1	SMA-Q0204FTDX10R7	MELF SMA-Q 10R7 1% 50PPM 0204 0.4W	PRODUCTION
2176658-2	SMA-Q0204FTDX11R	MELF SMA-Q 11R 1% 50PPM 0204 0.4W	PRODUCTION
2176658-3	SMA-Q0204FTDX11R3	MELF SMA-Q 11R3 1% 50PPM 0204 0.4W	PRODUCTION
2176658-4	SMA-Q0204FTDX11R5	MELF SMA-Q 11R5 1% 50PPM 0204 0.4W	PRODUCTION
2176658-5	SMA-Q0204FTDX11R8	MELF SMA-Q 11R8 1% 50PPM 0204 0.4W	PRODUCTION
2176658-6	SMA-Q0204FTDX12R1	MELF SMA-Q 12R1 1% 50PPM 0204 0.4W	PRODUCTION
2176658-7	SMA-Q0204FTDX12R4	MELF SMA-Q 12R4 1% 50PPM 0204 0.4W	PRODUCTION
2176658-8	SMA-Q0204FTDX12R7	MELF SMA-Q 12R7 1% 50PPM 0204 0.4W	PRODUCTION
2176658-9	SMA-Q0204FTDX13R	MELF SMA-Q 13R 1% 50PPM 0204 0.4W	PRODUCTION
1-2176658-0	SMA-Q0204FTDX13R3	MELF SMA-Q 13R3 1% 50PPM 0204 0.4W	PRODUCTION
1-2176658-1	SMA-Q0204FTDX13R7	MELF SMA-Q 13R7 1% 50PPM 0204 0.4W	PRODUCTION
1-2176658-2	SMA-Q0204FTDX14R	MELF SMA-Q 14R 1% 50PPM 0204 0.4W	PRODUCTION
1-2176658-3	SMA-Q0204FTDX14R3	MELF SMA-Q 14R3 1% 50PPM 0204 0.4W	PRODUCTION
1-2176658-4	SMA-Q0204FTDX14R7	MELF SMA-Q 14R7 1% 50PPM 0204 0.4W	PRODUCTION
1-2176658-5	SMA-Q0204FTDX15R	MELF SMA-Q 15R 1% 50PPM 0204 0.4W	PRODUCTION
1-2176658-6	SMA-Q0204FTDX15R4	MELF SMA-Q 15R4 1% 50PPM 0204 0.4W	PRODUCTION
1-2176658-7	SMA-Q0204FTDX15R8	MELF SMA-Q 15R8 1% 50PPM 0204 0.4W	PRODUCTION
1-2176658-8	SMA-Q0204FTDX16R2	MELF SMA-Q 16R2 1% 50PPM 0204 0.4W	PRODUCTION
1-2176658-9	SMA-Q0204FTDX16R5	MELF SMA-Q 16R5 1% 50PPM 0204 0.4W	PRODUCTION
2-2176658-0	SMA-Q0204FTDX16R9	MELF SMA-Q 16R9 1% 50PPM 0204 0.4W	PRODUCTION
2-2176658-1	SMA-Q0204FTDX17R4	MELF SMA-Q 17R4 1% 50PPM 0204 0.4W	PRODUCTION
2-2176658-2	SMA-Q0204FTDX17R8	MELF SMA-Q 17R8 1% 50PPM 0204 0.4W	PRODUCTION
2-2176658-3	SMA-Q0204FTDX18R2	MELF SMA-Q 18R2 1% 50PPM 0204 0.4W	PRODUCTION
2-2176658-4	SMA-Q0204FTDX18R7	MELF SMA-Q 18R7 1% 50PPM 0204 0.4W	PRODUCTION
2-2176658-5	SMA-Q0204FTDX19R1	MELF SMA-Q 19R1 1% 50PPM 0204 0.4W	PRODUCTION
2-2176658-6	SMA-Q0204FTDX19R6	MELF SMA-Q 19R6 1% 50PPM 0204 0.4W	PRODUCTION
2-2176658-7	SMA-Q0204FTDX20R	MELF SMA-Q 20R 1% 50PPM 0204 0.4W	PRODUCTION
2-2176658-8	SMA-Q0204FTDX20R5	MELF SMA-Q 20R5 1% 50PPM 0204 0.4W	PRODUCTION
2-2176658-9	SMA-Q0204FTDX21R	MELF SMA-Q 21R 1% 50PPM 0204 0.4W	PRODUCTION
3-2176658-0	SMA-Q0204FTDX21R5	MELF SMA-Q 21R5 1% 50PPM 0204 0.4W	PRODUCTION
3-2176658-1	SMA-Q0204FTDX22R1	MELF SMA-Q 22R1 1% 50PPM 0204 0.4W	PRODUCTION
3-2176658-2	SMA-Q0204FTDX22R6	MELF SMA-Q 22R6 1% 50PPM 0204 0.4W	PRODUCTION
3-2176658-3	SMA-Q0204FTDX23R2	MELF SMA-Q 23R2 1% 50PPM 0204 0.4W	PRODUCTION

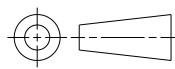
SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176658-4	SMA-Q0204FTDX23R7	MELF SMA-Q 23R7 1% 50PPM 0204 0.4W	PRODUCTION
3-2176658-5	SMA-Q0204FTDX24R3	MELF SMA-Q 24R3 1% 50PPM 0204 0.4W	PRODUCTION
3-2176658-6	SMA-Q0204FTDX24R9	MELF SMA-Q 24R9 1% 50PPM 0204 0.4W	PRODUCTION
3-2176658-7	SMA-Q0204FTDX25R5	MELF SMA-Q 25R5 1% 50PPM 0204 0.4W	PRODUCTION
3-2176658-8	SMA-Q0204FTDX26R1	MELF SMA-Q 26R1 1% 50PPM 0204 0.4W	PRODUCTION
3-2176658-9	SMA-Q0204FTDX26R7	MELF SMA-Q 26R7 1% 50PPM 0204 0.4W	PRODUCTION
4-2176658-0	SMA-Q0204FTDX27R4	MELF SMA-Q 27R4 1% 50PPM 0204 0.4W	PRODUCTION
4-2176658-1	SMA-Q0204FTDX28R	MELF SMA-Q 28R 1% 50PPM 0204 0.4W	PRODUCTION
4-2176658-2	SMA-Q0204FTDX28R7	MELF SMA-Q 28R7 1% 50PPM 0204 0.4W	PRODUCTION
4-2176658-3	SMA-Q0204FTDX29R4	MELF SMA-Q 29R4 1% 50PPM 0204 0.4W	PRODUCTION
4-2176658-4	SMA-Q0204FTDX30R1	MELF SMA-Q 30R1 1% 50PPM 0204 0.4W	PRODUCTION
4-2176658-5	SMA-Q0204FTDX30R9	MELF SMA-Q 30R9 1% 50PPM 0204 0.4W	PRODUCTION
4-2176658-6	SMA-Q0204FTDX31R6	MELF SMA-Q 31R6 1% 50PPM 0204 0.4W	PRODUCTION
4-2176658-7	SMA-Q0204FTDX32R4	MELF SMA-Q 32R4 1% 50PPM 0204 0.4W	PRODUCTION
4-2176658-8	SMA-Q0204FTDX33R2	MELF SMA-Q 33R2 1% 50PPM 0204 0.4W	PRODUCTION
4-2176658-9	SMA-Q0204FTDX34R	MELF SMA-Q 34R 1% 50PPM 0204 0.4W	PRODUCTION
5-2176658-0	SMA-Q0204FTDX34R8	MELF SMA-Q 34R8 1% 50PPM 0204 0.4W	PRODUCTION
5-2176658-1	SMA-Q0204FTDX35R7	MELF SMA-Q 35R7 1% 50PPM 0204 0.4W	PRODUCTION
5-2176658-2	SMA-Q0204FTDX36R5	MELF SMA-Q 36R5 1% 50PPM 0204 0.4W	PRODUCTION
5-2176658-3	SMA-Q0204FTDX37R4	MELF SMA-Q 37R4 1% 50PPM 0204 0.4W	PRODUCTION
5-2176658-4	SMA-Q0204FTDX38R3	MELF SMA-Q 38R3 1% 50PPM 0204 0.4W	PRODUCTION
5-2176658-5	SMA-Q0204FTDX39R2	MELF SMA-Q 39R2 1% 50PPM 0204 0.4W	PRODUCTION
5-2176658-6	SMA-Q0204FTDX40R2	MELF SMA-Q 40R2 1% 50PPM 0204 0.4W	PRODUCTION
5-2176658-7	SMA-Q0204FTDX41R2	MELF SMA-Q 41R2 1% 50PPM 0204 0.4W	PRODUCTION
5-2176658-8	SMA-Q0204FTDX42R2	MELF SMA-Q 42R2 1% 50PPM 0204 0.4W	PRODUCTION
5-2176658-9	SMA-Q0204FTDX43R2	MELF SMA-Q 43R2 1% 50PPM 0204 0.4W	PRODUCTION
6-2176658-0	SMA-Q0204FTDX44R2	MELF SMA-Q 44R2 1% 50PPM 0204 0.4W	PRODUCTION
6-2176658-1	SMA-Q0204FTDX45R3	MELF SMA-Q 45R3 1% 50PPM 0204 0.4W	PRODUCTION
6-2176658-2	SMA-Q0204FTDX46R4	MELF SMA-Q 46R4 1% 50PPM 0204 0.4W	PRODUCTION
6-2176658-3	SMA-Q0204FTDX47R5	MELF SMA-Q 47R5 1% 50PPM 0204 0.4W	PRODUCTION
6-2176658-4	SMA-Q0204FTDX48R7	MELF SMA-Q 48R7 1% 50PPM 0204 0.4W	PRODUCTION
6-2176658-5	SMA-Q0204FTDX49R9	MELF SMA-Q 49R9 1% 50PPM 0204 0.4W	PRODUCTION
6-2176658-6	SMA-Q0204FTDX51R1	MELF SMA-Q 51R1 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 ±5°	APVD ALLAN P			
MATERIAL - -	FINISH - -	PRODUCT SPEC -		SIZE A3		
		APPLICATION SPEC -				
		WEIGHT -		CAGE CODE 00779	DRAWING NO C-2176658	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
6-2176658-7	SMA-Q0204FTDX52R3	MELF SMA-Q 52R3 1% 50PPM 0204 0.4W	PRODUCTION
6-2176658-8	SMA-Q0204FTDX53R6	MELF SMA-Q 53R6 1% 50PPM 0204 0.4W	PRODUCTION
6-2176658-9	SMA-Q0204FTDX54R9	MELF SMA-Q 54R9 1% 50PPM 0204 0.4W	PRODUCTION
7-2176658-0	SMA-Q0204FTDX56R2	MELF SMA-Q 56R2 1% 50PPM 0204 0.4W	PRODUCTION
7-2176658-1	SMA-Q0204FTDX57R6	MELF SMA-Q 57R6 1% 50PPM 0204 0.4W	PRODUCTION
7-2176658-2	SMA-Q0204FTDX59R	MELF SMA-Q 59R 1% 50PPM 0204 0.4W	PRODUCTION
7-2176658-3	SMA-Q0204FTDX60R4	MELF SMA-Q 60R4 1% 50PPM 0204 0.4W	PRODUCTION
7-2176658-4	SMA-Q0204FTDX61R9	MELF SMA-Q 61R9 1% 50PPM 0204 0.4W	PRODUCTION
7-2176658-5	SMA-Q0204FTDX63R4	MELF SMA-Q 63R4 1% 50PPM 0204 0.4W	PRODUCTION
7-2176658-6	SMA-Q0204FTDX64R9	MELF SMA-Q 64R9 1% 50PPM 0204 0.4W	PRODUCTION
7-2176658-7	SMA-Q0204FTDX66R5	MELF SMA-Q 66R5 1% 50PPM 0204 0.4W	PRODUCTION
7-2176658-8	SMA-Q0204FTDX68R1	MELF SMA-Q 68R1 1% 50PPM 0204 0.4W	PRODUCTION
7-2176658-9	SMA-Q0204FTDX69R8	MELF SMA-Q 69R8 1% 50PPM 0204 0.4W	PRODUCTION
8-2176658-0	SMA-Q0204FTDX71R5	MELF SMA-Q 71R5 1% 50PPM 0204 0.4W	PRODUCTION
8-2176658-1	SMA-Q0204FTDX73R2	MELF SMA-Q 73R2 1% 50PPM 0204 0.4W	PRODUCTION
8-2176658-2	SMA-Q0204FTDX75R	MELF SMA-Q 75R 1% 50PPM 0204 0.4W	PRODUCTION
8-2176658-3	SMA-Q0204FTDX76R8	MELF SMA-Q 76R8 1% 50PPM 0204 0.4W	PRODUCTION
8-2176658-4	SMA-Q0204FTDX78R7	MELF SMA-Q 78R7 1% 50PPM 0204 0.4W	PRODUCTION
8-2176658-5	SMA-Q0204FTDX80R6	MELF SMA-Q 80R6 1% 50PPM 0204 0.4W	PRODUCTION
8-2176658-6	SMA-Q0204FTDX82R5	MELF SMA-Q 82R5 1% 50PPM 0204 0.4W	PRODUCTION
8-2176658-7	SMA-Q0204FTDX84R5	MELF SMA-Q 84R5 1% 50PPM 0204 0.4W	PRODUCTION
8-2176658-8	SMA-Q0204FTDX86R6	MELF SMA-Q 86R6 1% 50PPM 0204 0.4W	PRODUCTION
8-2176658-9	SMA-Q0204FTDX88R7	MELF SMA-Q 88R7 1% 50PPM 0204 0.4W	PRODUCTION
9-2176658-0	SMA-Q0204FTDX90R9	MELF SMA-Q 90R9 1% 50PPM 0204 0.4W	PRODUCTION
9-2176658-1	SMA-Q0204FTDX93R1	MELF SMA-Q 93R1 1% 50PPM 0204 0.4W	PRODUCTION
9-2176658-2	SMA-Q0204FTDX95R3	MELF SMA-Q 95R3 1% 50PPM 0204 0.4W	PRODUCTION
9-2176658-3	SMA-Q0204FTDX97R6	MELF SMA-Q 97R6 1% 50PPM 0204 0.4W	PRODUCTION
9-2176658-4	SMA-Q0204FTDX100R	MELF SMA-Q 100R 1% 50PPM 0204 0.4W	PRODUCTION
9-2176658-5	SMA-Q0204FTDX102R	MELF SMA-Q 102R 1% 50PPM 0204 0.4W	PRODUCTION
9-2176658-6	SMA-Q0204FTDX105R	MELF SMA-Q 105R 1% 50PPM 0204 0.4W	PRODUCTION
9-2176658-7	SMA-Q0204FTDX107R	MELF SMA-Q 107R 1% 50PPM 0204 0.4W	PRODUCTION
9-2176658-8	SMA-Q0204FTDX110R	MELF SMA-Q 110R 1% 50PPM 0204 0.4W	PRODUCTION
9-2176658-9	SMA-Q0204FTDX113R	MELF SMA-Q 113R 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		
		APVD ALLAN P		PRODUCT SPEC		
		APPLICATION SPEC		SIZE A 3		
		WEIGHT -		CAGE CODE 00779		
MATERIAL -		FINISH -		DRAWING NO C-2176658		
CUSTOMER DRAWING				SCALE 20:1	SHEET 3 OF 3	REV BA