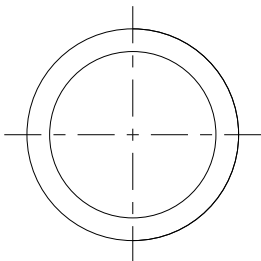
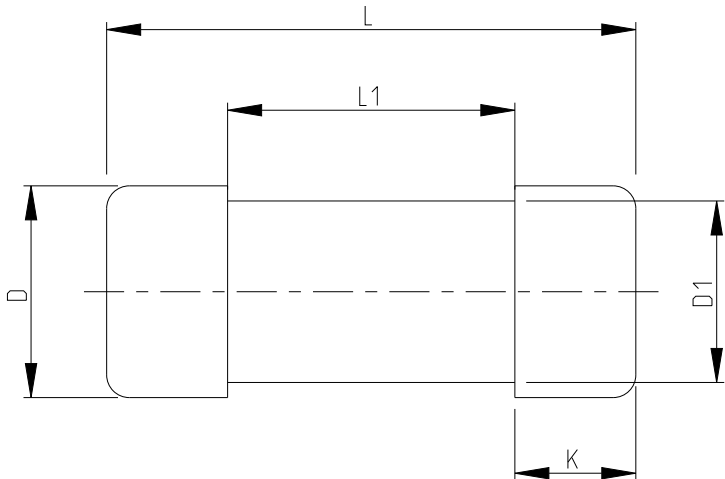
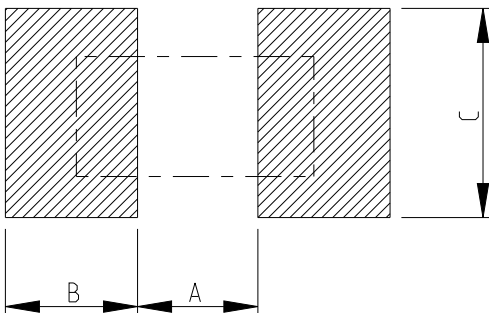


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	22NOV2023	DM	AP

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



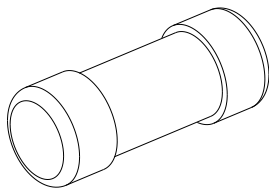
RECOMMENDED LAND PATTERN

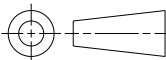


TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0204	3.5 ±0.2	1.7	1.4 ±0.15	D +0/-0.2	0.8 ±0.1	18.7

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					
DIMENSIONS: mm		CHK TRACY G 22NOV2023						
	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 -						
		MATERIAL - -	FINISH - -	WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2176654	RESTRICTED TO -
		CUSTOMER DRAWING				SCALE 20:1	SHEET 1 OF 3	

REVISIONS

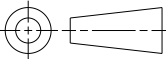
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176654-1	SMA-Q0204BTCX12K1	MELF SMA-Q 12K1 0.1% 25PPM 0204 0.4W	PRODUCTION
2176654-2	SMA-Q0204BTCX12K4	MELF SMA-Q 12K4 0.1% 25PPM 0204 0.4W	PRODUCTION
2176654-3	SMA-Q0204BTCX12K7	MELF SMA-Q 12K7 0.1% 25PPM 0204 0.4W	PRODUCTION
2176654-4	SMA-Q0204BTCX13K	MELF SMA-Q 13K 0.1% 25PPM 0204 0.4W	PRODUCTION
2176654-5	SMA-Q0204BTCX13K3	MELF SMA-Q 13K3 0.1% 25PPM 0204 0.4W	PRODUCTION
2176654-6	SMA-Q0204BTCX13K7	MELF SMA-Q 13K7 0.1% 25PPM 0204 0.4W	PRODUCTION
2176654-7	SMA-Q0204BTCX14K	MELF SMA-Q 14K 0.1% 25PPM 0204 0.4W	PRODUCTION
2176654-8	SMA-Q0204BTCX14K3	MELF SMA-Q 14K3 0.1% 25PPM 0204 0.4W	PRODUCTION
2176654-9	SMA-Q0204BTCX14K7	MELF SMA-Q 14K7 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176654-0	SMA-Q0204BTCX15K	MELF SMA-Q 15K 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176654-1	SMA-Q0204BTCX15K4	MELF SMA-Q 15K4 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176654-2	SMA-Q0204BTCX15K8	MELF SMA-Q 15K8 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176654-3	SMA-Q0204BTCX16K2	MELF SMA-Q 16K2 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176654-4	SMA-Q0204BTCX16K5	MELF SMA-Q 16K5 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176654-5	SMA-Q0204BTCX16K9	MELF SMA-Q 16K9 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176654-6	SMA-Q0204BTCX17K4	MELF SMA-Q 17K4 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176654-7	SMA-Q0204BTCX17K8	MELF SMA-Q 17K8 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176654-8	SMA-Q0204BTCX18K2	MELF SMA-Q 18K2 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176654-9	SMA-Q0204BTCX18K7	MELF SMA-Q 18K7 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176654-0	SMA-Q0204BTCX19K1	MELF SMA-Q 19K1 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176654-1	SMA-Q0204BTCX19K6	MELF SMA-Q 19K6 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176654-2	SMA-Q0204BTCX20K	MELF SMA-Q 20K 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176654-3	SMA-Q0204BTCX20K5	MELF SMA-Q 20K5 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176654-4	SMA-Q0204BTCX21K	MELF SMA-Q 21K 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176654-5	SMA-Q0204BTCX21K5	MELF SMA-Q 21K5 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176654-6	SMA-Q0204BTCX22K1	MELF SMA-Q 22K1 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176654-7	SMA-Q0204BTCX22K6	MELF SMA-Q 22K6 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176654-8	SMA-Q0204BTCX23K2	MELF SMA-Q 23K2 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176654-9	SMA-Q0204BTCX23K7	MELF SMA-Q 23K7 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176654-0	SMA-Q0204BTCX24K3	MELF SMA-Q 24K3 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176654-1	SMA-Q0204BTCX24K9	MELF SMA-Q 24K9 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176654-2	SMA-Q0204BTCX25K5	MELF SMA-Q 25K5 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176654-3	SMA-Q0204BTCX26K1	MELF SMA-Q 26K1 0.1% 25PPM 0204 0.4W	PRODUCTION

SCHEDULE

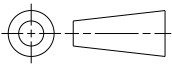
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176654-4	SMA-Q0204BTCX26K7	MELF SMA-Q 26K7 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176654-5	SMA-Q0204BTCX27K4	MELF SMA-Q 27K4 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176654-6	SMA-Q0204BTCX28K	MELF SMA-Q 28K 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176654-7	SMA-Q0204BTCX28K7	MELF SMA-Q 28K7 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176654-8	SMA-Q0204BTCX29K4	MELF SMA-Q 29K4 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176654-9	SMA-Q0204BTCX30K1	MELF SMA-Q 30K1 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176654-0	SMA-Q0204BTCX30K9	MELF SMA-Q 30K9 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176654-1	SMA-Q0204BTCX31K6	MELF SMA-Q 31K6 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176654-2	SMA-Q0204BTCX32K4	MELF SMA-Q 32K4 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176654-3	SMA-Q0204BTCX33K2	MELF SMA-Q 33K2 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176654-4	SMA-Q0204BTCX34K	MELF SMA-Q 34K 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176654-5	SMA-Q0204BTCX34K8	MELF SMA-Q 34K8 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176654-6	SMA-Q0204BTCX35K7	MELF SMA-Q 35K7 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176654-7	SMA-Q0204BTCX36K5	MELF SMA-Q 36K5 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176654-8	SMA-Q0204BTCX37K4	MELF SMA-Q 37K4 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176654-9	SMA-Q0204BTCX38K3	MELF SMA-Q 38K3 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176654-0	SMA-Q0204BTCX39K2	MELF SMA-Q 39K2 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176654-1	SMA-Q0204BTCX40K2	MELF SMA-Q 40K2 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176654-2	SMA-Q0204BTCX41K2	MELF SMA-Q 41K2 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176654-3	SMA-Q0204BTCX42K2	MELF SMA-Q 42K2 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176654-4	SMA-Q0204BTCX43K2	MELF SMA-Q 43K2 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176654-5	SMA-Q0204BTCX44K2	MELF SMA-Q 44K2 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176654-6	SMA-Q0204BTCX45K3	MELF SMA-Q 45K3 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176654-7	SMA-Q0204BTCX46K4	MELF SMA-Q 46K4 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176654-8	SMA-Q0204BTCX47K5	MELF SMA-Q 47K5 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176654-9	SMA-Q0204BTCX48K7	MELF SMA-Q 48K7 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176654-0	SMA-Q0204BTCX49K9	MELF SMA-Q 49K9 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176654-1	SMA-Q0204BTCX51K1	MELF SMA-Q 51K1 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176654-2	SMA-Q0204BTCX52K3	MELF SMA-Q 52K3 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176654-3	SMA-Q0204BTCX53K6	MELF SMA-Q 53K6 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176654-4	SMA-Q0204BTCX54K9	MELF SMA-Q 54K9 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176654-5	SMA-Q0204BTCX56K2	MELF SMA-Q 56K2 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176654-6	SMA-Q0204BTCX57K6	MELF SMA-Q 57K6 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 -		
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
6-2176654-7	SMA-Q0204BTCX59K	MELF SMA-Q 59K 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176654-8	SMA-Q0204BTCX60K4	MELF SMA-Q 60K4 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176654-9	SMA-Q0204BTCX61K9	MELF SMA-Q 61K9 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176654-0	SMA-Q0204BTCX63K4	MELF SMA-Q 63K4 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176654-1	SMA-Q0204BTCX64K9	MELF SMA-Q 64K9 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176654-2	SMA-Q0204BTCX66K5	MELF SMA-Q 66K5 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176654-3	SMA-Q0204BTCX68K1	MELF SMA-Q 68K1 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176654-4	SMA-Q0204BTCX69K8	MELF SMA-Q 69K8 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176654-5	SMA-Q0204BTCX71K5	MELF SMA-Q 71K5 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176654-6	SMA-Q0204BTCX73K2	MELF SMA-Q 73K2 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176654-7	SMA-Q0204BTCX75K	MELF SMA-Q 75K 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176654-8	SMA-Q0204BTCX76K8	MELF SMA-Q 76K8 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176654-9	SMA-Q0204BTCX78K7	MELF SMA-Q 78K7 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176654-0	SMA-Q0204BTCX80K6	MELF SMA-Q 80K6 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176654-1	SMA-Q0204BTCX82K5	MELF SMA-Q 82K5 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176654-2	SMA-Q0204BTCX84K5	MELF SMA-Q 84K5 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176654-3	SMA-Q0204BTCX86K6	MELF SMA-Q 86K6 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176654-4	SMA-Q0204BTCX88K7	MELF SMA-Q 88K7 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176654-5	SMA-Q0204BTCX90K9	MELF SMA-Q 90K9 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176654-6	SMA-Q0204BTCX93K1	MELF SMA-Q 93K1 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176654-7	SMA-Q0204BTCX95K3	MELF SMA-Q 95K3 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176654-8	SMA-Q0204BTCX97K6	MELF SMA-Q 97K6 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176654-9	SMA-Q0204BTCX100K	MELF SMA-Q 100K 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176654-0	SMA-Q0204BTCX102K	MELF SMA-Q 102K 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176654-1	SMA-Q0204BTCX105K	MELF SMA-Q 105K 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176654-2	SMA-Q0204BTCX107K	MELF SMA-Q 107K 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176654-3	SMA-Q0204BTCX110K	MELF SMA-Q 110K 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176654-4	SMA-Q0204BTCX113K	MELF SMA-Q 113K 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176654-5	SMA-Q0204BTCX115K	MELF SMA-Q 115K 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176654-6	SMA-Q0204BTCX118K	MELF SMA-Q 118K 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176654-7	SMA-Q0204BTCX121K	MELF SMA-Q 121K 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176654-8	SMA-Q0204BTCX124K	MELF SMA-Q 124K 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176654-9	SMA-Q0204BTCX127K	MELF SMA-Q 127K 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°		NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0204 SERIES									
													
MATERIAL				PRODUCT SPEC		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
-				-		A 3		00779		C-2176654		-	
-				-		-		-		-		-	
				APPLICATION SPEC									
				WEIGHT									
				CUSTOMER DRAWING				SCALE		SHEET		REV	
								40:1		3 OF 3		BA	