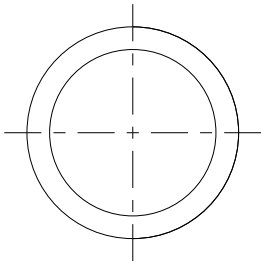
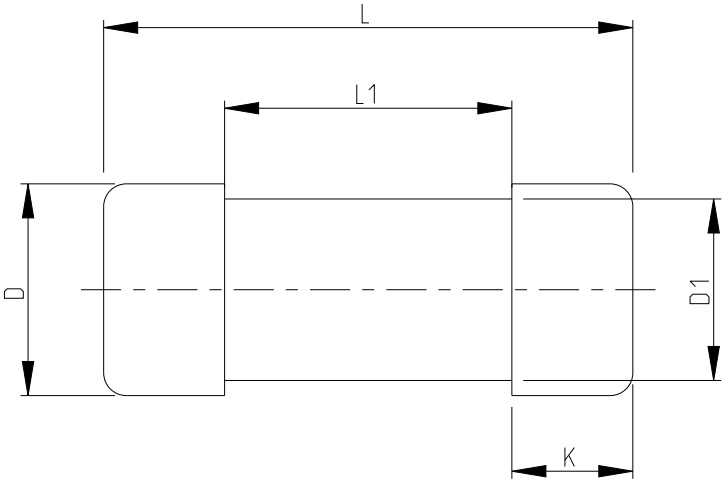
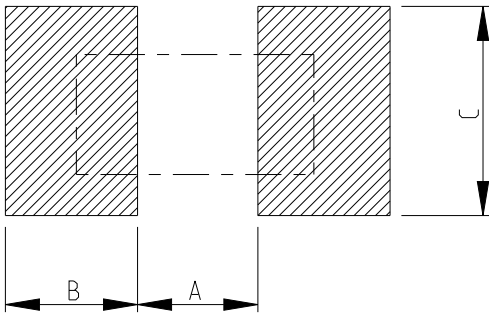


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	22NOV2023	DM	AP

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



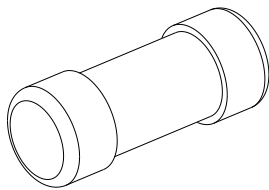
RECOMMENDED LAND PATTERN

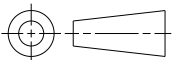


TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0204	3.5 ±0.2	1.7	1.4 ±0.15	D +0/-0.2	0.8 ±0.1	18.7

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: 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 - APPLICATION SPEC - WEIGHT -		SIZE A3	CAGE CODE 00779	DRAWING NO C-2176652	RESTRICTED TO -
CUSTOMER DRAWING				SCALE 20:1	SHEET 1 OF 3	REV BA	

REVISIONS

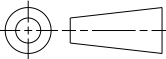
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176652-1	SMA-Q0204BTCX105R	MELF SMA-Q 105R 0.1% 25PPM 0204 0.4W	PRODUCTION
2176652-2	SMA-Q0204BTCX107R	MELF SMA-Q 107R 0.1% 25PPM 0204 0.4W	PRODUCTION
2176652-3	SMA-Q0204BTCX110R	MELF SMA-Q 110R 0.1% 25PPM 0204 0.4W	PRODUCTION
2176652-4	SMA-Q0204BTCX113R	MELF SMA-Q 113R 0.1% 25PPM 0204 0.4W	PRODUCTION
2176652-5	SMA-Q0204BTCX115R	MELF SMA-Q 115R 0.1% 25PPM 0204 0.4W	PRODUCTION
2176652-6	SMA-Q0204BTCX118R	MELF SMA-Q 118R 0.1% 25PPM 0204 0.4W	PRODUCTION
2176652-7	SMA-Q0204BTCX121R	MELF SMA-Q 121R 0.1% 25PPM 0204 0.4W	PRODUCTION
2176652-8	SMA-Q0204BTCX124R	MELF SMA-Q 124R 0.1% 25PPM 0204 0.4W	PRODUCTION
2176652-9	SMA-Q0204BTCX127R	MELF SMA-Q 127R 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176652-0	SMA-Q0204BTCX130R	MELF SMA-Q 130R 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176652-1	SMA-Q0204BTCX133R	MELF SMA-Q 133R 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176652-2	SMA-Q0204BTCX137R	MELF SMA-Q 137R 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176652-3	SMA-Q0204BTCX140R	MELF SMA-Q 140R 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176652-4	SMA-Q0204BTCX143R	MELF SMA-Q 143R 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176652-5	SMA-Q0204BTCX147R	MELF SMA-Q 147R 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176652-6	SMA-Q0204BTCX150R	MELF SMA-Q 150R 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176652-7	SMA-Q0204BTCX154R	MELF SMA-Q 154R 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176652-8	SMA-Q0204BTCX158R	MELF SMA-Q 158R 0.1% 25PPM 0204 0.4W	PRODUCTION
1-2176652-9	SMA-Q0204BTCX162R	MELF SMA-Q 162R 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176652-0	SMA-Q0204BTCX165R	MELF SMA-Q 165R 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176652-1	SMA-Q0204BTCX169R	MELF SMA-Q 169R 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176652-2	SMA-Q0204BTCX174R	MELF SMA-Q 174R 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176652-3	SMA-Q0204BTCX178R	MELF SMA-Q 178R 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176652-4	SMA-Q0204BTCX182R	MELF SMA-Q 182R 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176652-5	SMA-Q0204BTCX187R	MELF SMA-Q 187R 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176652-6	SMA-Q0204BTCX191R	MELF SMA-Q 191R 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176652-7	SMA-Q0204BTCX196R	MELF SMA-Q 196R 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176652-8	SMA-Q0204BTCX200R	MELF SMA-Q 200R 0.1% 25PPM 0204 0.4W	PRODUCTION
2-2176652-9	SMA-Q0204BTCX205R	MELF SMA-Q 205R 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176652-0	SMA-Q0204BTCX210R	MELF SMA-Q 210R 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176652-1	SMA-Q0204BTCX215R	MELF SMA-Q 215R 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176652-2	SMA-Q0204BTCX221R	MELF SMA-Q 221R 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176652-3	SMA-Q0204BTCX226R	MELF SMA-Q 226R 0.1% 25PPM 0204 0.4W	PRODUCTION

SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176652-4	SMA-Q0204BTCX232R	MELF SMA-Q 232R 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176652-5	SMA-Q0204BTCX237R	MELF SMA-Q 237R 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176652-6	SMA-Q0204BTCX243R	MELF SMA-Q 243R 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176652-7	SMA-Q0204BTCX249R	MELF SMA-Q 249R 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176652-8	SMA-Q0204BTCX255R	MELF SMA-Q 255R 0.1% 25PPM 0204 0.4W	PRODUCTION
3-2176652-9	SMA-Q0204BTCX261R	MELF SMA-Q 261R 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176652-0	SMA-Q0204BTCX267R	MELF SMA-Q 267R 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176652-1	SMA-Q0204BTCX274R	MELF SMA-Q 274R 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176652-2	SMA-Q0204BTCX280R	MELF SMA-Q 280R 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176652-3	SMA-Q0204BTCX287R	MELF SMA-Q 287R 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176652-4	SMA-Q0204BTCX294R	MELF SMA-Q 294R 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176652-5	SMA-Q0204BTCX301R	MELF SMA-Q 301R 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176652-6	SMA-Q0204BTCX309R	MELF SMA-Q 309R 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176652-7	SMA-Q0204BTCX316R	MELF SMA-Q 316R 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176652-8	SMA-Q0204BTCX324R	MELF SMA-Q 324R 0.1% 25PPM 0204 0.4W	PRODUCTION
4-2176652-9	SMA-Q0204BTCX332R	MELF SMA-Q 332R 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176652-0	SMA-Q0204BTCX340R	MELF SMA-Q 340R 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176652-1	SMA-Q0204BTCX348R	MELF SMA-Q 348R 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176652-2	SMA-Q0204BTCX357R	MELF SMA-Q 357R 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176652-3	SMA-Q0204BTCX365R	MELF SMA-Q 365R 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176652-4	SMA-Q0204BTCX374R	MELF SMA-Q 374R 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176652-5	SMA-Q0204BTCX383R	MELF SMA-Q 383R 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176652-6	SMA-Q0204BTCX392R	MELF SMA-Q 392R 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176652-7	SMA-Q0204BTCX402R	MELF SMA-Q 402R 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176652-8	SMA-Q0204BTCX412R	MELF SMA-Q 412R 0.1% 25PPM 0204 0.4W	PRODUCTION
5-2176652-9	SMA-Q0204BTCX422R	MELF SMA-Q 422R 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176652-0	SMA-Q0204BTCX432R	MELF SMA-Q 432R 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176652-1	SMA-Q0204BTCX442R	MELF SMA-Q 442R 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176652-2	SMA-Q0204BTCX453R	MELF SMA-Q 453R 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176652-3	SMA-Q0204BTCX464R	MELF SMA-Q 464R 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176652-4	SMA-Q0204BTCX475R	MELF SMA-Q 475R 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176652-5	SMA-Q0204BTCX487R	MELF SMA-Q 487R 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176652-6	SMA-Q0204BTCX499R	MELF SMA-Q 499R 0.1% 25PPM 0204 0.4W	PRODUCTION

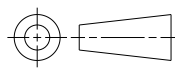
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M	22NOV2023	 TE Connectivity			
		CHK TRACY G	22NOV2023				
DIMENSIONS: mm		APVD ALLAN P	22NOV2023	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0204 SERIES			
		PRODUCT SPEC -					
MATERIAL -	FINISH -	APPLICATION SPEC -		SIZE A3	CAGE CODE 00779	DRAWING NO C-2176652	RESTRICTED TO -
		WEIGHT -		SCALE 40:1		SHEET 2 OF 3	REV BA
		CUSTOMER DRAWING					

REVISIONS

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

SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176652-7	SMA-Q0204BTCX511R	MELF SMA-Q 511R 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176652-8	SMA-Q0204BTCX523R	MELF SMA-Q 523R 0.1% 25PPM 0204 0.4W	PRODUCTION
6-2176652-9	SMA-Q0204BTCX536R	MELF SMA-Q 536R 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176652-0	SMA-Q0204BTCX549R	MELF SMA-Q 549R 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176652-1	SMA-Q0204BTCX562R	MELF SMA-Q 562R 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176652-2	SMA-Q0204BTCX576R	MELF SMA-Q 576R 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176652-3	SMA-Q0204BTCX590R	MELF SMA-Q 590R 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176652-4	SMA-Q0204BTCX604R	MELF SMA-Q 604R 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176652-5	SMA-Q0204BTCX619R	MELF SMA-Q 619R 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176652-6	SMA-Q0204BTCX634R	MELF SMA-Q 634R 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176652-7	SMA-Q0204BTCX649R	MELF SMA-Q 649R 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176652-8	SMA-Q0204BTCX665R	MELF SMA-Q 665R 0.1% 25PPM 0204 0.4W	PRODUCTION
7-2176652-9	SMA-Q0204BTCX681R	MELF SMA-Q 681R 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176652-0	SMA-Q0204BTCX698R	MELF SMA-Q 698R 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176652-1	SMA-Q0204BTCX715R	MELF SMA-Q 715R 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176652-2	SMA-Q0204BTCX732R	MELF SMA-Q 732R 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176652-3	SMA-Q0204BTCX750R	MELF SMA-Q 750R 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176652-4	SMA-Q0204BTCX768R	MELF SMA-Q 768R 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176652-5	SMA-Q0204BTCX787R	MELF SMA-Q 787R 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176652-6	SMA-Q0204BTCX806R	MELF SMA-Q 806R 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176652-7	SMA-Q0204BTCX825R	MELF SMA-Q 825R 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176652-8	SMA-Q0204BTCX845R	MELF SMA-Q 845R 0.1% 25PPM 0204 0.4W	PRODUCTION
8-2176652-9	SMA-Q0204BTCX866R	MELF SMA-Q 866R 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176652-0	SMA-Q0204BTCX887R	MELF SMA-Q 887R 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176652-1	SMA-Q0204BTCX909R	MELF SMA-Q 909R 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176652-2	SMA-Q0204BTCX931R	MELF SMA-Q 931R 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176652-3	SMA-Q0204BTCX953R	MELF SMA-Q 953R 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176652-4	SMA-Q0204BTCX976R	MELF SMA-Q 976R 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176652-5	SMA-Q0204BTCX1K0	MELF SMA-Q 1K0 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176652-6	SMA-Q0204BTCX1K02	MELF SMA-Q 1K02 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176652-7	SMA-Q0204BTCX1K05	MELF SMA-Q 1K05 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176652-8	SMA-Q0204BTCX1K07	MELF SMA-Q 1K07 0.1% 25PPM 0204 0.4W	PRODUCTION
9-2176652-9	SMA-Q0204BTCX1K1	MELF SMA-Q 1K1 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 22NOV2023			
				PRODUCT SPEC			
				APPLICATION SPEC			
MATERIAL		FINISH		RESTRICTED TO			
-		-		-			
-		-		-			
CUSTOMER DRAWING				SCALE 40:1	SHEET 3 OF 3		REV BA