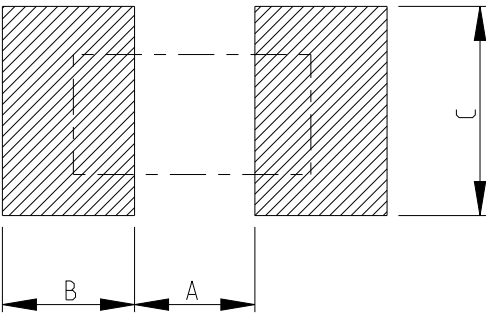


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	29NOV2023	DM	AP

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

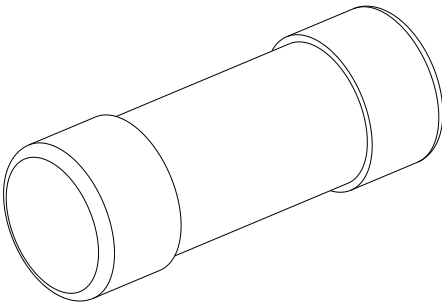
RECOMMENDED LAND PATTERN



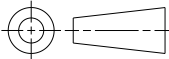
TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0207	5.9±0.2	2.9	2.2±0.2	D +0/-0.2	1.3±0.1	80.9

SIZE	A (mm)	B (mm)	C (mm)
SMA-Q 0207	3.0	1.7	2.4

RoHS Compliant



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M 29NOV2023	 TE Connectivity		
		CHK TRACY G 29NOV2023			
		APVD ALLAN P 29NOV2023	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0207 SERIES		
		PRODUCT SPEC			
		APPLICATION SPEC			
		WEIGHT			
		CUSTOMER DRAWING			
		SCALE	20:1		
		SHEET	1 OF 3		
		REV	BA		

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm			
		0 PLC	±0.2
		1 PLC	±0.1
		2 PLC	±-
		3 PLC	±-
		4 PLC	±-
MATERIAL		ANGLES	±5°
		FINISH	

REVISIONS

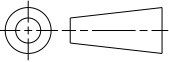
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176670-1	SMA-Q0207FTDTR20	MELF SMA-Q R20 1% 50PPM 0207 1W	PRODUCTION
2176670-2	SMA-Q0207FTDTR205	MELF SMA-Q R205 1% 50PPM 0207 1W	PRODUCTION
2176670-3	SMA-Q0207FTDTR210	MELF SMA-Q R210 1% 50PPM 0207 1W	PRODUCTION
2176670-4	SMA-Q0207FTDTR215	MELF SMA-Q R215 1% 50PPM 0207 1W	PRODUCTION
2176670-5	SMA-Q0207FTDTR221	MELF SMA-Q R221 1% 50PPM 0207 1W	PRODUCTION
2176670-6	SMA-Q0207FTDTR226	MELF SMA-Q R226 1% 50PPM 0207 1W	PRODUCTION
2176670-7	SMA-Q0207FTDTR232	MELF SMA-Q R232 1% 50PPM 0207 1W	PRODUCTION
2176670-8	SMA-Q0207FTDTR237	MELF SMA-Q R237 1% 50PPM 0207 1W	PRODUCTION
2176670-9	SMA-Q0207FTDTR243	MELF SMA-Q R243 1% 50PPM 0207 1W	PRODUCTION
1-2176670-0	SMA-Q0207FTDTR249	MELF SMA-Q R249 1% 50PPM 0207 1W	PRODUCTION
1-2176670-1	SMA-Q0207FTDTR255	MELF SMA-Q R255 1% 50PPM 0207 1W	PRODUCTION
1-2176670-2	SMA-Q0207FTDTR261	MELF SMA-Q R261 1% 50PPM 0207 1W	PRODUCTION
1-2176670-3	SMA-Q0207FTDTR267	MELF SMA-Q R267 1% 50PPM 0207 1W	PRODUCTION
1-2176670-4	SMA-Q0207FTDTR274	MELF SMA-Q R274 1% 50PPM 0207 1W	PRODUCTION
1-2176670-5	SMA-Q0207FTDTR280	MELF SMA-Q R280 1% 50PPM 0207 1W	PRODUCTION
1-2176670-6	SMA-Q0207FTDTR287	MELF SMA-Q R287 1% 50PPM 0207 1W	PRODUCTION
1-2176670-7	SMA-Q0207FTDTR294	MELF SMA-Q R294 1% 50PPM 0207 1W	PRODUCTION
1-2176670-8	SMA-Q0207FTDTR301	MELF SMA-Q R301 1% 50PPM 0207 1W	PRODUCTION
1-2176670-9	SMA-Q0207FTDTR309	MELF SMA-Q R309 1% 50PPM 0207 1W	PRODUCTION
2-2176670-0	SMA-Q0207FTDTR316	MELF SMA-Q R316 1% 50PPM 0207 1W	PRODUCTION
2-2176670-1	SMA-Q0207FTDTR324	MELF SMA-Q R324 1% 50PPM 0207 1W	PRODUCTION
2-2176670-2	SMA-Q0207FTDTR332	MELF SMA-Q R332 1% 50PPM 0207 1W	PRODUCTION
2-2176670-3	SMA-Q0207FTDTR340	MELF SMA-Q R340 1% 50PPM 0207 1W	PRODUCTION
2-2176670-4	SMA-Q0207FTDTR348	MELF SMA-Q R348 1% 50PPM 0207 1W	PRODUCTION
2-2176670-5	SMA-Q0207FTDTR357	MELF SMA-Q R357 1% 50PPM 0207 1W	PRODUCTION
2-2176670-6	SMA-Q0207FTDTR365	MELF SMA-Q R365 1% 50PPM 0207 1W	PRODUCTION
2-2176670-7	SMA-Q0207FTDTR374	MELF SMA-Q R374 1% 50PPM 0207 1W	PRODUCTION
2-2176670-8	SMA-Q0207FTDTR383	MELF SMA-Q R383 1% 50PPM 0207 1W	PRODUCTION
2-2176670-9	SMA-Q0207FTDTR392	MELF SMA-Q R392 1% 50PPM 0207 1W	PRODUCTION
3-2176670-0	SMA-Q0207FTDTR402	MELF SMA-Q R402 1% 50PPM 0207 1W	PRODUCTION
3-2176670-1	SMA-Q0207FTDTR412	MELF SMA-Q R412 1% 50PPM 0207 1W	PRODUCTION
3-2176670-2	SMA-Q0207FTDTR422	MELF SMA-Q R422 1% 50PPM 0207 1W	PRODUCTION
3-2176670-3	SMA-Q0207FTDTR432	MELF SMA-Q R432 1% 50PPM 0207 1W	PRODUCTION

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176670-4	SMA-Q0207FTDTR442	MELF SMA-Q R442 1% 50PPM 0207 1W	PRODUCTION
3-2176670-5	SMA-Q0207FTDTR453	MELF SMA-Q R453 1% 50PPM 0207 1W	PRODUCTION
3-2176670-6	SMA-Q0207FTDTR464	MELF SMA-Q R464 1% 50PPM 0207 1W	PRODUCTION
3-2176670-7	SMA-Q0207FTDTR475	MELF SMA-Q R475 1% 50PPM 0207 1W	PRODUCTION
3-2176670-8	SMA-Q0207FTDTR487	MELF SMA-Q R487 1% 50PPM 0207 1W	PRODUCTION
3-2176670-9	SMA-Q0207FTDTR499	MELF SMA-Q R499 1% 50PPM 0207 1W	PRODUCTION
4-2176670-0	SMA-Q0207FTDTR511	MELF SMA-Q R511 1% 50PPM 0207 1W	PRODUCTION
4-2176670-1	SMA-Q0207FTDTR523	MELF SMA-Q R523 1% 50PPM 0207 1W	PRODUCTION
4-2176670-2	SMA-Q0207FTDTR536	MELF SMA-Q R536 1% 50PPM 0207 1W	PRODUCTION
4-2176670-3	SMA-Q0207FTDTR549	MELF SMA-Q R549 1% 50PPM 0207 1W	PRODUCTION
4-2176670-4	SMA-Q0207FTDTR562	MELF SMA-Q R562 1% 50PPM 0207 1W	PRODUCTION
4-2176670-5	SMA-Q0207FTDTR576	MELF SMA-Q R576 1% 50PPM 0207 1W	PRODUCTION
4-2176670-6	SMA-Q0207FTDTR590	MELF SMA-Q R590 1% 50PPM 0207 1W	PRODUCTION
4-2176670-7	SMA-Q0207FTDTR604	MELF SMA-Q R604 1% 50PPM 0207 1W	PRODUCTION
4-2176670-8	SMA-Q0207FTDTR619	MELF SMA-Q R619 1% 50PPM 0207 1W	PRODUCTION
4-2176670-9	SMA-Q0207FTDTR634	MELF SMA-Q R634 1% 50PPM 0207 1W	PRODUCTION
5-2176670-0	SMA-Q0207FTDTR649	MELF SMA-Q R649 1% 50PPM 0207 1W	PRODUCTION
5-2176670-1	SMA-Q0207FTDTR665	MELF SMA-Q R665 1% 50PPM 0207 1W	PRODUCTION
5-2176670-2	SMA-Q0207FTDTR681	MELF SMA-Q R681 1% 50PPM 0207 1W	PRODUCTION
5-2176670-3	SMA-Q0207FTDTR698	MELF SMA-Q R698 1% 50PPM 0207 1W	PRODUCTION
5-2176670-4	SMA-Q0207FTDTR715	MELF SMA-Q R715 1% 50PPM 0207 1W	PRODUCTION
5-2176670-5	SMA-Q0207FTDTR732	MELF SMA-Q R732 1% 50PPM 0207 1W	PRODUCTION
5-2176670-6	SMA-Q0207FTDTR750	MELF SMA-Q R750 1% 50PPM 0207 1W	PRODUCTION
5-2176670-7	SMA-Q0207FTDTR768	MELF SMA-Q R768 1% 50PPM 0207 1W	PRODUCTION
5-2176670-8	SMA-Q0207FTDTR787	MELF SMA-Q R787 1% 50PPM 0207 1W	PRODUCTION
5-2176670-9	SMA-Q0207FTDTR806	MELF SMA-Q R806 1% 50PPM 0207 1W	PRODUCTION
6-2176670-0	SMA-Q0207FTDTR825	MELF SMA-Q R825 1% 50PPM 0207 1W	PRODUCTION
6-2176670-1	SMA-Q0207FTDTR845	MELF SMA-Q R845 1% 50PPM 0207 1W	PRODUCTION
6-2176670-2	SMA-Q0207FTDTR866	MELF SMA-Q R866 1% 50PPM 0207 1W	PRODUCTION
6-2176670-3	SMA-Q0207FTDTR887	MELF SMA-Q R887 1% 50PPM 0207 1W	PRODUCTION
6-2176670-4	SMA-Q0207FTDTR909	MELF SMA-Q R909 1% 50PPM 0207 1W	PRODUCTION
6-2176670-5	SMA-Q0207FTDTR931	MELF SMA-Q R931 1% 50PPM 0207 1W	PRODUCTION
6-2176670-6	SMA-Q0207FTDTR953	MELF SMA-Q R953 1% 50PPM 0207 1W	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.2

1 PLC ±0.1

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±5°

MATERIAL

-

-

DWN
DHEERAJ M
29NOV2023

CHK
TRACY G
29NOV2023

APVD
ALLAN P
29NOV2023

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

SCALE
20:1

SHEET
2 OF 3

REV
BA

TE Connectivity

NAME

METAL FILM PRECISION MELF RESISTORS
AEC-Q200 QUALIFIED TYPE
SMA-Q 0207 SERIES

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

©-2176670

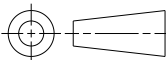
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1470-19 (3/13)

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176670-7	SMA-Q0207FTDTR976	MELF SMA-Q R976 1% 50PPM 0207 1W	PRODUCTION
6-2176670-8	SMA-Q0207FTDT1R0	MELF SMA-Q 1R0 1% 50PPM 0207 1W	PRODUCTION
6-2176670-9	SMA-Q0207FTDT1R02	MELF SMA-Q 1R02 1% 50PPM 0207 1W	PRODUCTION
7-2176670-0	SMA-Q0207FTDT1R05	MELF SMA-Q 1R05 1% 50PPM 0207 1W	PRODUCTION
7-2176670-1	SMA-Q0207FTDT1R07	MELF SMA-Q 1R07 1% 50PPM 0207 1W	PRODUCTION
7-2176670-2	SMA-Q0207FTDT1R1	MELF SMA-Q 1R1 1% 50PPM 0207 1W	PRODUCTION
7-2176670-3	SMA-Q0207FTDT1R13	MELF SMA-Q 1R13 1% 50PPM 0207 1W	PRODUCTION
7-2176670-4	SMA-Q0207FTDT1R15	MELF SMA-Q 1R15 1% 50PPM 0207 1W	PRODUCTION
7-2176670-5	SMA-Q0207FTDT1R18	MELF SMA-Q 1R18 1% 50PPM 0207 1W	PRODUCTION
7-2176670-6	SMA-Q0207FTDT1R21	MELF SMA-Q 1R21 1% 50PPM 0207 1W	PRODUCTION
7-2176670-7	SMA-Q0207FTDT1R24	MELF SMA-Q 1R24 1% 50PPM 0207 1W	PRODUCTION
7-2176670-8	SMA-Q0207FTDT1R27	MELF SMA-Q 1R27 1% 50PPM 0207 1W	PRODUCTION
7-2176670-9	SMA-Q0207FTDT1R3	MELF SMA-Q 1R3 1% 50PPM 0207 1W	PRODUCTION
8-2176670-0	SMA-Q0207FTDT1R33	MELF SMA-Q 1R33 1% 50PPM 0207 1W	PRODUCTION
8-2176670-1	SMA-Q0207FTDT1R37	MELF SMA-Q 1R37 1% 50PPM 0207 1W	PRODUCTION
8-2176670-2	SMA-Q0207FTDT1R4	MELF SMA-Q 1R4 1% 50PPM 0207 1W	PRODUCTION
8-2176670-3	SMA-Q0207FTDT1R43	MELF SMA-Q 1R43 1% 50PPM 0207 1W	PRODUCTION
8-2176670-4	SMA-Q0207FTDT1R47	MELF SMA-Q 1R47 1% 50PPM 0207 1W	PRODUCTION
8-2176670-5	SMA-Q0207FTDT1R5	MELF SMA-Q 1R5 1% 50PPM 0207 1W	PRODUCTION
8-2176670-6	SMA-Q0207FTDT1R54	MELF SMA-Q 1R54 1% 50PPM 0207 1W	PRODUCTION
8-2176670-7	SMA-Q0207FTDT1R58	MELF SMA-Q 1R58 1% 50PPM 0207 1W	PRODUCTION
8-2176670-8	SMA-Q0207FTDT1R62	MELF SMA-Q 1R62 1% 50PPM 0207 1W	PRODUCTION
8-2176670-9	SMA-Q0207FTDT1R65	MELF SMA-Q 1R65 1% 50PPM 0207 1W	PRODUCTION
9-2176670-0	SMA-Q0207FTDT1R69	MELF SMA-Q 1R69 1% 50PPM 0207 1W	PRODUCTION
9-2176670-1	SMA-Q0207FTDT1R74	MELF SMA-Q 1R74 1% 50PPM 0207 1W	PRODUCTION
9-2176670-2	SMA-Q0207FTDT1R78	MELF SMA-Q 1R78 1% 50PPM 0207 1W	PRODUCTION
9-2176670-3	SMA-Q0207FTDT1R82	MELF SMA-Q 1R82 1% 50PPM 0207 1W	PRODUCTION
9-2176670-4	SMA-Q0207FTDT1R87	MELF SMA-Q 1R87 1% 50PPM 0207 1W	PRODUCTION
9-2176670-5	SMA-Q0207FTDT1R91	MELF SMA-Q 1R91 1% 50PPM 0207 1W	PRODUCTION
9-2176670-6	SMA-Q0207FTDT1R96	MELF SMA-Q 1R96 1% 50PPM 0207 1W	PRODUCTION
9-2176670-7	SMA-Q0207FTDT2R0	MELF SMA-Q 2R0 1% 50PPM 0207 1W	PRODUCTION
9-2176670-8	SMA-Q0207FTDT2R05	MELF SMA-Q 2R05 1% 50PPM 0207 1W	PRODUCTION
9-2176670-9	SMA-Q0207FTDT2R1	MELF SMA-Q 2R1 1% 50PPM 0207 1W	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M 29NOV2023		 TE Connectivity			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK TRACY G 29NOV2023			
		0 PLC ±0.2		NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0207 SERIES			
		1 PLC ±0.1					
MATERIAL - -		2 PLC ±		APVD ALLAN P 29NOV2023			
		3 PLC ±					
		4 PLC ±		PRODUCT SPEC - APPLICATION SPEC - WEIGHT -			
		ANGLES ±5°					
		FINISH					
-		-		SIZE A 3			
-		-		CAGE CODE 00779			
				DRAWING NO C-2176670			
				RESTRICTED TO -			
				CUSTOMER DRAWING			
				SCALE 20:1			
				SHEET 3 OF 3			
				REV BA			