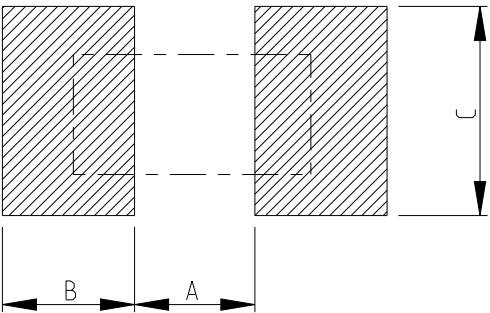


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	29NOV2023	DM	AP

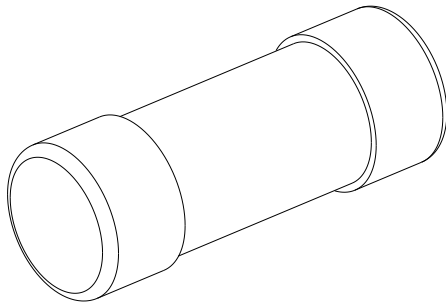
FOR FURTHER INFORMATION SEE DATA SHEET OF METAL FILM PRECISION
MELF RESISTOR AEC-Q200 QUALIFIED TYPE SMA-Q SERIES

RECOMMENDED LAND PATTERN

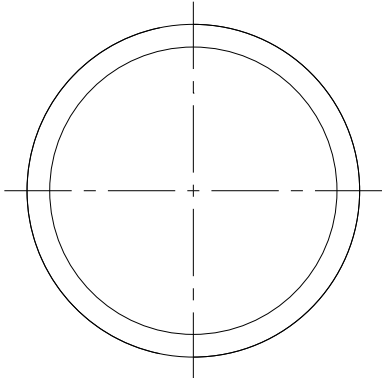
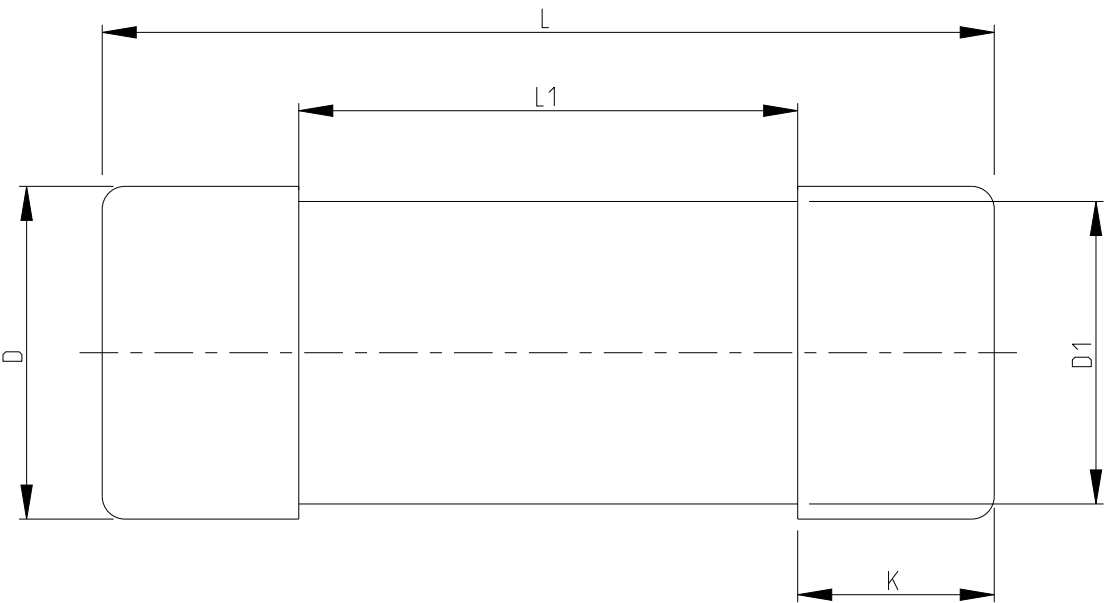


SIZE	A (mm)	B (mm)	C (mm)
SMA-Q 0207	3.0	1.7	2.4

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		



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

REVISIONS

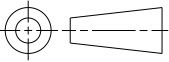
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176673-1	SMA-Q0207FTDT249R	MELF SMA-Q 249R 1% 50PPM 0207 1W	PRODUCTION
2176673-2	SMA-Q0207FTDT255R	MELF SMA-Q 255R 1% 50PPM 0207 1W	PRODUCTION
2176673-3	SMA-Q0207FTDT261R	MELF SMA-Q 261R 1% 50PPM 0207 1W	PRODUCTION
2176673-4	SMA-Q0207FTDT267R	MELF SMA-Q 267R 1% 50PPM 0207 1W	PRODUCTION
2176673-5	SMA-Q0207FTDT274R	MELF SMA-Q 274R 1% 50PPM 0207 1W	PRODUCTION
2176673-6	SMA-Q0207FTDT280R	MELF SMA-Q 280R 1% 50PPM 0207 1W	PRODUCTION
2176673-7	SMA-Q0207FTDT287R	MELF SMA-Q 287R 1% 50PPM 0207 1W	PRODUCTION
2176673-8	SMA-Q0207FTDT294R	MELF SMA-Q 294R 1% 50PPM 0207 1W	PRODUCTION
2176673-9	SMA-Q0207FTDT301R	MELF SMA-Q 301R 1% 50PPM 0207 1W	PRODUCTION
1-2176673-0	SMA-Q0207FTDT309R	MELF SMA-Q 309R 1% 50PPM 0207 1W	PRODUCTION
1-2176673-1	SMA-Q0207FTDT316R	MELF SMA-Q 316R 1% 50PPM 0207 1W	PRODUCTION
1-2176673-2	SMA-Q0207FTDT324R	MELF SMA-Q 324R 1% 50PPM 0207 1W	PRODUCTION
1-2176673-3	SMA-Q0207FTDT332R	MELF SMA-Q 332R 1% 50PPM 0207 1W	PRODUCTION
1-2176673-4	SMA-Q0207FTDT340R	MELF SMA-Q 340R 1% 50PPM 0207 1W	PRODUCTION
1-2176673-5	SMA-Q0207FTDT348R	MELF SMA-Q 348R 1% 50PPM 0207 1W	PRODUCTION
1-2176673-6	SMA-Q0207FTDT357R	MELF SMA-Q 357R 1% 50PPM 0207 1W	PRODUCTION
1-2176673-7	SMA-Q0207FTDT365R	MELF SMA-Q 365R 1% 50PPM 0207 1W	PRODUCTION
1-2176673-8	SMA-Q0207FTDT374R	MELF SMA-Q 374R 1% 50PPM 0207 1W	PRODUCTION
1-2176673-9	SMA-Q0207FTDT383R	MELF SMA-Q 383R 1% 50PPM 0207 1W	PRODUCTION
2-2176673-0	SMA-Q0207FTDT392R	MELF SMA-Q 392R 1% 50PPM 0207 1W	PRODUCTION
2-2176673-1	SMA-Q0207FTDT402R	MELF SMA-Q 402R 1% 50PPM 0207 1W	PRODUCTION
2-2176673-2	SMA-Q0207FTDT412R	MELF SMA-Q 412R 1% 50PPM 0207 1W	PRODUCTION
2-2176673-3	SMA-Q0207FTDT422R	MELF SMA-Q 422R 1% 50PPM 0207 1W	PRODUCTION
2-2176673-4	SMA-Q0207FTDT432R	MELF SMA-Q 432R 1% 50PPM 0207 1W	PRODUCTION
2-2176673-5	SMA-Q0207FTDT442R	MELF SMA-Q 442R 1% 50PPM 0207 1W	PRODUCTION
2-2176673-6	SMA-Q0207FTDT453R	MELF SMA-Q 453R 1% 50PPM 0207 1W	PRODUCTION
2-2176673-7	SMA-Q0207FTDT464R	MELF SMA-Q 464R 1% 50PPM 0207 1W	PRODUCTION
2-2176673-8	SMA-Q0207FTDT475R	MELF SMA-Q 475R 1% 50PPM 0207 1W	PRODUCTION
2-2176673-9	SMA-Q0207FTDT487R	MELF SMA-Q 487R 1% 50PPM 0207 1W	PRODUCTION
3-2176673-0	SMA-Q0207FTDT499R	MELF SMA-Q 499R 1% 50PPM 0207 1W	PRODUCTION
3-2176673-1	SMA-Q0207FTDT511R	MELF SMA-Q 511R 1% 50PPM 0207 1W	PRODUCTION
3-2176673-2	SMA-Q0207FTDT523R	MELF SMA-Q 523R 1% 50PPM 0207 1W	PRODUCTION
3-2176673-3	SMA-Q0207FTDT536R	MELF SMA-Q 536R 1% 50PPM 0207 1W	PRODUCTION

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176673-4	SMA-Q0207FTDT549R	MELF SMA-Q 549R 1% 50PPM 0207 1W	PRODUCTION
3-2176673-5	SMA-Q0207FTDT562R	MELF SMA-Q 562R 1% 50PPM 0207 1W	PRODUCTION
3-2176673-6	SMA-Q0207FTDT576R	MELF SMA-Q 576R 1% 50PPM 0207 1W	PRODUCTION
3-2176673-7	SMA-Q0207FTDT590R	MELF SMA-Q 590R 1% 50PPM 0207 1W	PRODUCTION
3-2176673-8	SMA-Q0207FTDT604R	MELF SMA-Q 604R 1% 50PPM 0207 1W	PRODUCTION
3-2176673-9	SMA-Q0207FTDT619R	MELF SMA-Q 619R 1% 50PPM 0207 1W	PRODUCTION
4-2176673-0	SMA-Q0207FTDT634R	MELF SMA-Q 634R 1% 50PPM 0207 1W	PRODUCTION
4-2176673-1	SMA-Q0207FTDT649R	MELF SMA-Q 649R 1% 50PPM 0207 1W	PRODUCTION
4-2176673-2	SMA-Q0207FTDT665R	MELF SMA-Q 665R 1% 50PPM 0207 1W	PRODUCTION
4-2176673-3	SMA-Q0207FTDT681R	MELF SMA-Q 681R 1% 50PPM 0207 1W	PRODUCTION
4-2176673-4	SMA-Q0207FTDT698R	MELF SMA-Q 698R 1% 50PPM 0207 1W	PRODUCTION
4-2176673-5	SMA-Q0207FTDT715R	MELF SMA-Q 715R 1% 50PPM 0207 1W	PRODUCTION
4-2176673-6	SMA-Q0207FTDT732R	MELF SMA-Q 732R 1% 50PPM 0207 1W	PRODUCTION
4-2176673-7	SMA-Q0207FTDT750R	MELF SMA-Q 750R 1% 50PPM 0207 1W	PRODUCTION
4-2176673-8	SMA-Q0207FTDT768R	MELF SMA-Q 768R 1% 50PPM 0207 1W	PRODUCTION
4-2176673-9	SMA-Q0207FTDT787R	MELF SMA-Q 787R 1% 50PPM 0207 1W	PRODUCTION
5-2176673-0	SMA-Q0207FTDT806R	MELF SMA-Q 806R 1% 50PPM 0207 1W	PRODUCTION
5-2176673-1	SMA-Q0207FTDT825R	MELF SMA-Q 825R 1% 50PPM 0207 1W	PRODUCTION
5-2176673-2	SMA-Q0207FTDT845R	MELF SMA-Q 845R 1% 50PPM 0207 1W	PRODUCTION
5-2176673-3	SMA-Q0207FTDT866R	MELF SMA-Q 866R 1% 50PPM 0207 1W	PRODUCTION
5-2176673-4	SMA-Q0207FTDT887R	MELF SMA-Q 887R 1% 50PPM 0207 1W	PRODUCTION
5-2176673-5	SMA-Q0207FTDT909R	MELF SMA-Q 909R 1% 50PPM 0207 1W	PRODUCTION
5-2176673-6	SMA-Q0207FTDT931R	MELF SMA-Q 931R 1% 50PPM 0207 1W	PRODUCTION
5-2176673-7	SMA-Q0207FTDT953R	MELF SMA-Q 953R 1% 50PPM 0207 1W	PRODUCTION
5-2176673-8	SMA-Q0207FTDT976R	MELF SMA-Q 976R 1% 50PPM 0207 1W	PRODUCTION
5-2176673-9	SMA-Q0207FTDT1K0	MELF SMA-Q 1K0 1% 50PPM 0207 1W	PRODUCTION
6-2176673-0	SMA-Q0207FTDT1K02	MELF SMA-Q 1K02 1% 50PPM 0207 1W	PRODUCTION
6-2176673-1	SMA-Q0207FTDT1K05	MELF SMA-Q 1K05 1% 50PPM 0207 1W	PRODUCTION
6-2176673-2	SMA-Q0207FTDT1K07	MELF SMA-Q 1K07 1% 50PPM 0207 1W	PRODUCTION
6-2176673-3	SMA-Q0207FTDT1K1	MELF SMA-Q 1K1 1% 50PPM 0207 1W	PRODUCTION
6-2176673-4	SMA-Q0207FTDT1K13	MELF SMA-Q 1K13 1% 50PPM 0207 1W	PRODUCTION
6-2176673-5	SMA-Q0207FTDT1K15	MELF SMA-Q 1K15 1% 50PPM 0207 1W	PRODUCTION
6-2176673-6	SMA-Q0207FTDT1K18	MELF SMA-Q 1K18 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°

FINISH

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

©-2176673

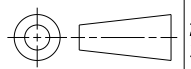
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1470-19 (3/13)

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176673-7	SMA-Q0207FTDT1K21	MELF SMA-Q 1K21 1% 50PPM 0207 1W	PRODUCTION
6-2176673-8	SMA-Q0207FTDT1K24	MELF SMA-Q 1K24 1% 50PPM 0207 1W	PRODUCTION
6-2176673-9	SMA-Q0207FTDT1K27	MELF SMA-Q 1K27 1% 50PPM 0207 1W	PRODUCTION
7-2176673-0	SMA-Q0207FTDT1K3	MELF SMA-Q 1K3 1% 50PPM 0207 1W	PRODUCTION
7-2176673-1	SMA-Q0207FTDT1K33	MELF SMA-Q 1K33 1% 50PPM 0207 1W	PRODUCTION
7-2176673-2	SMA-Q0207FTDT1K37	MELF SMA-Q 1K37 1% 50PPM 0207 1W	PRODUCTION
7-2176673-3	SMA-Q0207FTDT1K4	MELF SMA-Q 1K4 1% 50PPM 0207 1W	PRODUCTION
7-2176673-4	SMA-Q0207FTDT1K43	MELF SMA-Q 1K43 1% 50PPM 0207 1W	PRODUCTION
7-2176673-5	SMA-Q0207FTDT1K47	MELF SMA-Q 1K47 1% 50PPM 0207 1W	PRODUCTION
7-2176673-6	SMA-Q0207FTDT1K5	MELF SMA-Q 1K5 1% 50PPM 0207 1W	PRODUCTION
7-2176673-7	SMA-Q0207FTDT1K54	MELF SMA-Q 1K54 1% 50PPM 0207 1W	PRODUCTION
7-2176673-8	SMA-Q0207FTDT1K58	MELF SMA-Q 1K58 1% 50PPM 0207 1W	PRODUCTION
7-2176673-9	SMA-Q0207FTDT1K62	MELF SMA-Q 1K62 1% 50PPM 0207 1W	PRODUCTION
8-2176673-0	SMA-Q0207FTDT1K65	MELF SMA-Q 1K65 1% 50PPM 0207 1W	PRODUCTION
8-2176673-1	SMA-Q0207FTDT1K69	MELF SMA-Q 1K69 1% 50PPM 0207 1W	PRODUCTION
8-2176673-2	SMA-Q0207FTDT1K74	MELF SMA-Q 1K74 1% 50PPM 0207 1W	PRODUCTION
8-2176673-3	SMA-Q0207FTDT1K78	MELF SMA-Q 1K78 1% 50PPM 0207 1W	PRODUCTION
8-2176673-4	SMA-Q0207FTDT1K82	MELF SMA-Q 1K82 1% 50PPM 0207 1W	PRODUCTION
8-2176673-5	SMA-Q0207FTDT1K87	MELF SMA-Q 1K87 1% 50PPM 0207 1W	PRODUCTION
8-2176673-6	SMA-Q0207FTDT1K91	MELF SMA-Q 1K91 1% 50PPM 0207 1W	PRODUCTION
8-2176673-7	SMA-Q0207FTDT1K96	MELF SMA-Q 1K96 1% 50PPM 0207 1W	PRODUCTION
8-2176673-8	SMA-Q0207FTDT2K0	MELF SMA-Q 2K0 1% 50PPM 0207 1W	PRODUCTION
8-2176673-9	SMA-Q0207FTDT2K05	MELF SMA-Q 2K05 1% 50PPM 0207 1W	PRODUCTION
9-2176673-0	SMA-Q0207FTDT2K1	MELF SMA-Q 2K1 1% 50PPM 0207 1W	PRODUCTION
9-2176673-1	SMA-Q0207FTDT2K15	MELF SMA-Q 2K15 1% 50PPM 0207 1W	PRODUCTION
9-2176673-2	SMA-Q0207FTDT2K21	MELF SMA-Q 2K21 1% 50PPM 0207 1W	PRODUCTION
9-2176673-3	SMA-Q0207FTDT2K26	MELF SMA-Q 2K26 1% 50PPM 0207 1W	PRODUCTION
9-2176673-4	SMA-Q0207FTDT2K32	MELF SMA-Q 2K32 1% 50PPM 0207 1W	PRODUCTION
9-2176673-5	SMA-Q0207FTDT2K37	MELF SMA-Q 2K37 1% 50PPM 0207 1W	PRODUCTION
9-2176673-6	SMA-Q0207FTDT2K43	MELF SMA-Q 2K43 1% 50PPM 0207 1W	PRODUCTION
9-2176673-7	SMA-Q0207FTDT2K49	MELF SMA-Q 2K49 1% 50PPM 0207 1W	PRODUCTION
9-2176673-8	SMA-Q0207FTDT2K55	MELF SMA-Q 2K55 1% 50PPM 0207 1W	PRODUCTION
9-2176673-9	SMA-Q0207FTDT2K61	MELF SMA-Q 2K61 1% 50PPM 0207 1W	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M 29NOV2023	 TE Connectivity				
		CHK TRACY G 29NOV2023					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.2 1 PLC ±0.1 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±5°	APVD ALLAN P 29NOV2023	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0207 SERIES			
		PRODUCT SPEC -					SIZE A3
		APPLICATION SPEC -		CAGE CODE 00779			
MATERIAL -		FINISH -	WEIGHT -		DRAWING NO C-2176673	RESTRICTED TO -	
CUSTOMER DRAWING					SCALE 20:1	SHEET 3 OF 3	REV BA