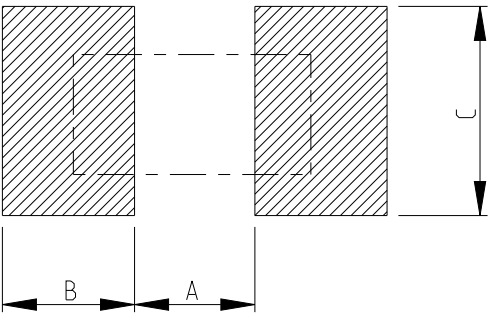


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	29NOV2023	DM	AP

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

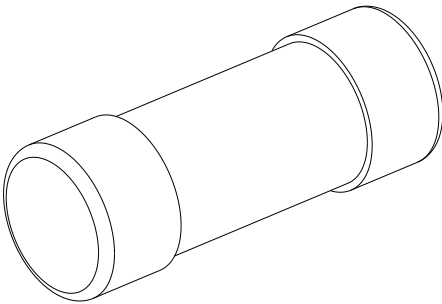
RECOMMENDED LAND PATTERN



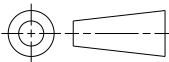
TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0207	5.9±0.2	2.9	2.2±0.2	D +0/-0.2	1.3±0.1	80.9

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	SIZE A3 CAGE CODE 00779 DRAWING NO C=2176674		
		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

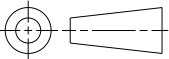
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176674-1	SMA-Q0207FTDT2K67	MELF SMA-Q 2K67 1% 50PPM 0207 1W	PRODUCTION
2176674-2	SMA-Q0207FTDT2K74	MELF SMA-Q 2K74 1% 50PPM 0207 1W	PRODUCTION
2176674-3	SMA-Q0207FTDT2K8	MELF SMA-Q 2K8 1% 50PPM 0207 1W	PRODUCTION
2176674-4	SMA-Q0207FTDT2K87	MELF SMA-Q 2K87 1% 50PPM 0207 1W	PRODUCTION
2176674-5	SMA-Q0207FTDT2K94	MELF SMA-Q 2K94 1% 50PPM 0207 1W	PRODUCTION
2176674-6	SMA-Q0207FTDT3K01	MELF SMA-Q 3K01 1% 50PPM 0207 1W	PRODUCTION
2176674-7	SMA-Q0207FTDT3K09	MELF SMA-Q 3K09 1% 50PPM 0207 1W	PRODUCTION
2176674-8	SMA-Q0207FTDT3K16	MELF SMA-Q 3K16 1% 50PPM 0207 1W	PRODUCTION
2176674-9	SMA-Q0207FTDT3K24	MELF SMA-Q 3K24 1% 50PPM 0207 1W	PRODUCTION
1-2176674-0	SMA-Q0207FTDT3K32	MELF SMA-Q 3K32 1% 50PPM 0207 1W	PRODUCTION
1-2176674-1	SMA-Q0207FTDT3K4	MELF SMA-Q 3K4 1% 50PPM 0207 1W	PRODUCTION
1-2176674-2	SMA-Q0207FTDT3K48	MELF SMA-Q 3K48 1% 50PPM 0207 1W	PRODUCTION
1-2176674-3	SMA-Q0207FTDT3K57	MELF SMA-Q 3K57 1% 50PPM 0207 1W	PRODUCTION
1-2176674-4	SMA-Q0207FTDT3K65	MELF SMA-Q 3K65 1% 50PPM 0207 1W	PRODUCTION
1-2176674-5	SMA-Q0207FTDT3K74	MELF SMA-Q 3K74 1% 50PPM 0207 1W	PRODUCTION
1-2176674-6	SMA-Q0207FTDT3K83	MELF SMA-Q 3K83 1% 50PPM 0207 1W	PRODUCTION
1-2176674-7	SMA-Q0207FTDT3K92	MELF SMA-Q 3K92 1% 50PPM 0207 1W	PRODUCTION
1-2176674-8	SMA-Q0207FTDT4K02	MELF SMA-Q 4K02 1% 50PPM 0207 1W	PRODUCTION
1-2176674-9	SMA-Q0207FTDT4K12	MELF SMA-Q 4K12 1% 50PPM 0207 1W	PRODUCTION
2-2176674-0	SMA-Q0207FTDT4K22	MELF SMA-Q 4K22 1% 50PPM 0207 1W	PRODUCTION
2-2176674-1	SMA-Q0207FTDT4K32	MELF SMA-Q 4K32 1% 50PPM 0207 1W	PRODUCTION
2-2176674-2	SMA-Q0207FTDT4K42	MELF SMA-Q 4K42 1% 50PPM 0207 1W	PRODUCTION
2-2176674-3	SMA-Q0207FTDT4K53	MELF SMA-Q 4K53 1% 50PPM 0207 1W	PRODUCTION
2-2176674-4	SMA-Q0207FTDT4K64	MELF SMA-Q 4K64 1% 50PPM 0207 1W	PRODUCTION
2-2176674-5	SMA-Q0207FTDT4K75	MELF SMA-Q 4K75 1% 50PPM 0207 1W	PRODUCTION
2-2176674-6	SMA-Q0207FTDT4K87	MELF SMA-Q 4K87 1% 50PPM 0207 1W	PRODUCTION
2-2176674-7	SMA-Q0207FTDT4K99	MELF SMA-Q 4K99 1% 50PPM 0207 1W	PRODUCTION
2-2176674-8	SMA-Q0207FTDT5K11	MELF SMA-Q 5K11 1% 50PPM 0207 1W	PRODUCTION
2-2176674-9	SMA-Q0207FTDT5K23	MELF SMA-Q 5K23 1% 50PPM 0207 1W	PRODUCTION
3-2176674-0	SMA-Q0207FTDT5K36	MELF SMA-Q 5K36 1% 50PPM 0207 1W	PRODUCTION
3-2176674-1	SMA-Q0207FTDT5K49	MELF SMA-Q 5K49 1% 50PPM 0207 1W	PRODUCTION
3-2176674-2	SMA-Q0207FTDT5K62	MELF SMA-Q 5K62 1% 50PPM 0207 1W	PRODUCTION
3-2176674-3	SMA-Q0207FTDT5K76	MELF SMA-Q 5K76 1% 50PPM 0207 1W	PRODUCTION

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176674-4	SMA-Q0207FTDT5K9	MELF SMA-Q 5K9 1% 50PPM 0207 1W	PRODUCTION
3-2176674-5	SMA-Q0207FTDT6K04	MELF SMA-Q 6K04 1% 50PPM 0207 1W	PRODUCTION
3-2176674-6	SMA-Q0207FTDT6K19	MELF SMA-Q 6K19 1% 50PPM 0207 1W	PRODUCTION
3-2176674-7	SMA-Q0207FTDT6K34	MELF SMA-Q 6K34 1% 50PPM 0207 1W	PRODUCTION
3-2176674-8	SMA-Q0207FTDT6K49	MELF SMA-Q 6K49 1% 50PPM 0207 1W	PRODUCTION
3-2176674-9	SMA-Q0207FTDT6K65	MELF SMA-Q 6K65 1% 50PPM 0207 1W	PRODUCTION
4-2176674-0	SMA-Q0207FTDT6K81	MELF SMA-Q 6K81 1% 50PPM 0207 1W	PRODUCTION
4-2176674-1	SMA-Q0207FTDT6K98	MELF SMA-Q 6K98 1% 50PPM 0207 1W	PRODUCTION
4-2176674-2	SMA-Q0207FTDT7K15	MELF SMA-Q 7K15 1% 50PPM 0207 1W	PRODUCTION
4-2176674-3	SMA-Q0207FTDT7K32	MELF SMA-Q 7K32 1% 50PPM 0207 1W	PRODUCTION
4-2176674-4	SMA-Q0207FTDT7K5	MELF SMA-Q 7K5 1% 50PPM 0207 1W	PRODUCTION
4-2176674-5	SMA-Q0207FTDT7K68	MELF SMA-Q 7K68 1% 50PPM 0207 1W	PRODUCTION
4-2176674-6	SMA-Q0207FTDT7K87	MELF SMA-Q 7K87 1% 50PPM 0207 1W	PRODUCTION
4-2176674-7	SMA-Q0207FTDT8K06	MELF SMA-Q 8K06 1% 50PPM 0207 1W	PRODUCTION
4-2176674-8	SMA-Q0207FTDT8K25	MELF SMA-Q 8K25 1% 50PPM 0207 1W	PRODUCTION
4-2176674-9	SMA-Q0207FTDT8K45	MELF SMA-Q 8K45 1% 50PPM 0207 1W	PRODUCTION
5-2176674-0	SMA-Q0207FTDT8K66	MELF SMA-Q 8K66 1% 50PPM 0207 1W	PRODUCTION
5-2176674-1	SMA-Q0207FTDT8K87	MELF SMA-Q 8K87 1% 50PPM 0207 1W	PRODUCTION
5-2176674-2	SMA-Q0207FTDT9K09	MELF SMA-Q 9K09 1% 50PPM 0207 1W	PRODUCTION
5-2176674-3	SMA-Q0207FTDT9K31	MELF SMA-Q 9K31 1% 50PPM 0207 1W	PRODUCTION
5-2176674-4	SMA-Q0207FTDT9K53	MELF SMA-Q 9K53 1% 50PPM 0207 1W	PRODUCTION
5-2176674-5	SMA-Q0207FTDT9K76	MELF SMA-Q 9K76 1% 50PPM 0207 1W	PRODUCTION
5-2176674-6	SMA-Q0207FTDT10K	MELF SMA-Q 10K 1% 50PPM 0207 1W	PRODUCTION
5-2176674-7	SMA-Q0207FTDT10K2	MELF SMA-Q 10K2 1% 50PPM 0207 1W	PRODUCTION
5-2176674-8	SMA-Q0207FTDT10K5	MELF SMA-Q 10K5 1% 50PPM 0207 1W	PRODUCTION
5-2176674-9	SMA-Q0207FTDT10K7	MELF SMA-Q 10K7 1% 50PPM 0207 1W	PRODUCTION
6-2176674-0	SMA-Q0207FTDT11K	MELF SMA-Q 11K 1% 50PPM 0207 1W	PRODUCTION
6-2176674-1	SMA-Q0207FTDT11K3	MELF SMA-Q 11K3 1% 50PPM 0207 1W	PRODUCTION
6-2176674-2	SMA-Q0207FTDT11K5	MELF SMA-Q 11K5 1% 50PPM 0207 1W	PRODUCTION
6-2176674-3	SMA-Q0207FTDT11K8	MELF SMA-Q 11K8 1% 50PPM 0207 1W	PRODUCTION
6-2176674-4	SMA-Q0207FTDT12K1	MELF SMA-Q 12K1 1% 50PPM 0207 1W	PRODUCTION
6-2176674-5	SMA-Q0207FTDT12K4	MELF SMA-Q 12K4 1% 50PPM 0207 1W	PRODUCTION
6-2176674-6	SMA-Q0207FTDT12K7	MELF SMA-Q 12K7 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 ±-

FINISH

45°

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

©-2176674

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1470-19 (3/13)

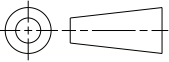
REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176674-7	SMA-Q0207FTDT13K	MELF SMA-Q 13K 1% 50PPM 0207 1W	PRODUCTION
6-2176674-8	SMA-Q0207FTDT13K3	MELF SMA-Q 13K3 1% 50PPM 0207 1W	PRODUCTION
6-2176674-9	SMA-Q0207FTDT13K7	MELF SMA-Q 13K7 1% 50PPM 0207 1W	PRODUCTION
7-2176674-0	SMA-Q0207FTDT14K	MELF SMA-Q 14K 1% 50PPM 0207 1W	PRODUCTION
7-2176674-1	SMA-Q0207FTDT14K3	MELF SMA-Q 14K3 1% 50PPM 0207 1W	PRODUCTION
7-2176674-2	SMA-Q0207FTDT14K7	MELF SMA-Q 14K7 1% 50PPM 0207 1W	PRODUCTION
7-2176674-3	SMA-Q0207FTDT15K	MELF SMA-Q 15K 1% 50PPM 0207 1W	PRODUCTION
7-2176674-4	SMA-Q0207FTDT15K4	MELF SMA-Q 15K4 1% 50PPM 0207 1W	PRODUCTION
7-2176674-5	SMA-Q0207FTDT15K8	MELF SMA-Q 15K8 1% 50PPM 0207 1W	PRODUCTION
7-2176674-6	SMA-Q0207FTDT16K2	MELF SMA-Q 16K2 1% 50PPM 0207 1W	PRODUCTION
7-2176674-7	SMA-Q0207FTDT16K5	MELF SMA-Q 16K5 1% 50PPM 0207 1W	PRODUCTION
7-2176674-8	SMA-Q0207FTDT16K9	MELF SMA-Q 16K9 1% 50PPM 0207 1W	PRODUCTION
7-2176674-9	SMA-Q0207FTDT17K4	MELF SMA-Q 17K4 1% 50PPM 0207 1W	PRODUCTION
8-2176674-0	SMA-Q0207FTDT17K8	MELF SMA-Q 17K8 1% 50PPM 0207 1W	PRODUCTION
8-2176674-1	SMA-Q0207FTDT18K2	MELF SMA-Q 18K2 1% 50PPM 0207 1W	PRODUCTION
8-2176674-2	SMA-Q0207FTDT18K7	MELF SMA-Q 18K7 1% 50PPM 0207 1W	PRODUCTION
8-2176674-3	SMA-Q0207FTDT19K1	MELF SMA-Q 19K1 1% 50PPM 0207 1W	PRODUCTION
8-2176674-4	SMA-Q0207FTDT19K6	MELF SMA-Q 19K6 1% 50PPM 0207 1W	PRODUCTION
8-2176674-5	SMA-Q0207FTDT20K	MELF SMA-Q 20K 1% 50PPM 0207 1W	PRODUCTION
8-2176674-6	SMA-Q0207FTDT20K5	MELF SMA-Q 20K5 1% 50PPM 0207 1W	PRODUCTION
8-2176674-7	SMA-Q0207FTDT21K	MELF SMA-Q 21K 1% 50PPM 0207 1W	PRODUCTION
8-2176674-8	SMA-Q0207FTDT21K5	MELF SMA-Q 21K5 1% 50PPM 0207 1W	PRODUCTION
8-2176674-9	SMA-Q0207FTDT22K1	MELF SMA-Q 22K1 1% 50PPM 0207 1W	PRODUCTION
9-2176674-0	SMA-Q0207FTDT22K6	MELF SMA-Q 22K6 1% 50PPM 0207 1W	PRODUCTION
9-2176674-1	SMA-Q0207FTDT23K2	MELF SMA-Q 23K2 1% 50PPM 0207 1W	PRODUCTION
9-2176674-2	SMA-Q0207FTDT23K7	MELF SMA-Q 23K7 1% 50PPM 0207 1W	PRODUCTION
9-2176674-3	SMA-Q0207FTDT24K3	MELF SMA-Q 24K3 1% 50PPM 0207 1W	PRODUCTION
9-2176674-4	SMA-Q0207FTDT24K9	MELF SMA-Q 24K9 1% 50PPM 0207 1W	PRODUCTION
9-2176674-5	SMA-Q0207FTDT25K5	MELF SMA-Q 25K5 1% 50PPM 0207 1W	PRODUCTION
9-2176674-6	SMA-Q0207FTDT26K1	MELF SMA-Q 26K1 1% 50PPM 0207 1W	PRODUCTION
9-2176674-7	SMA-Q0207FTDT26K7	MELF SMA-Q 26K7 1% 50PPM 0207 1W	PRODUCTION
9-2176674-8	SMA-Q0207FTDT27K4	MELF SMA-Q 27K4 1% 50PPM 0207 1W	PRODUCTION
9-2176674-9	SMA-Q0207FTDT28K	MELF SMA-Q 28K 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

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WEIGHT

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NAME

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

©=2176674

-

CUSTOMER DRAWING

SCALE 20:1

SHEET 3 OF 3

REV BA

1470-19 (3/13)