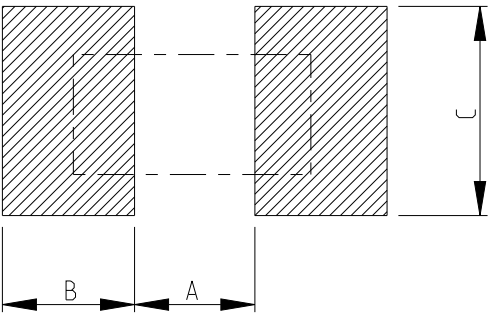


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	29NOV2023	DM	AP

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

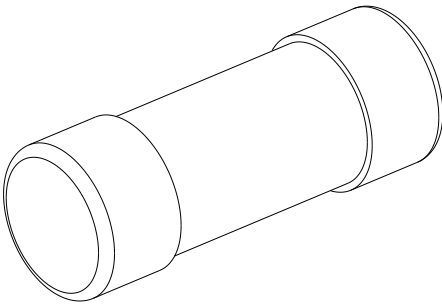
RECOMMENDED LAND PATTERN



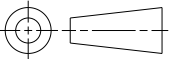
TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0207	5.9±0.2	2.9	2.2±0.2	D +0/-0.2	1.3±0.1	80.9

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=2176703		
		WEIGHT			
		CUSTOMER DRAWING	RESTRICTED TO -		
		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 ±- ANGLES ±5°
MATERIAL	FINISH
-	-
-	-

REVISIONS

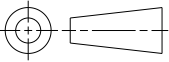
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176703-1	SMA-Q0207BTCU1K13	MELF SMA-Q 1K13 0.1% 25PPM 0207 0.5W	PRODUCTION
2176703-2	SMA-Q0207BTCU1K15	MELF SMA-Q 1K15 0.1% 25PPM 0207 0.5W	PRODUCTION
2176703-3	SMA-Q0207BTCU1K18	MELF SMA-Q 1K18 0.1% 25PPM 0207 0.5W	PRODUCTION
2176703-4	SMA-Q0207BTCU1K21	MELF SMA-Q 1K21 0.1% 25PPM 0207 0.5W	PRODUCTION
2176703-5	SMA-Q0207BTCU1K24	MELF SMA-Q 1K24 0.1% 25PPM 0207 0.5W	PRODUCTION
2176703-6	SMA-Q0207BTCU1K27	MELF SMA-Q 1K27 0.1% 25PPM 0207 0.5W	PRODUCTION
2176703-7	SMA-Q0207BTCU1K3	MELF SMA-Q 1K3 0.1% 25PPM 0207 0.5W	PRODUCTION
2176703-8	SMA-Q0207BTCU1K33	MELF SMA-Q 1K33 0.1% 25PPM 0207 0.5W	PRODUCTION
2176703-9	SMA-Q0207BTCU1K37	MELF SMA-Q 1K37 0.1% 25PPM 0207 0.5W	PRODUCTION
1-2176703-0	SMA-Q0207BTCU1K4	MELF SMA-Q 1K4 0.1% 25PPM 0207 0.5W	PRODUCTION
1-2176703-1	SMA-Q0207BTCU1K43	MELF SMA-Q 1K43 0.1% 25PPM 0207 0.5W	PRODUCTION
1-2176703-2	SMA-Q0207BTCU1K47	MELF SMA-Q 1K47 0.1% 25PPM 0207 0.5W	PRODUCTION
1-2176703-3	SMA-Q0207BTCU1K5	MELF SMA-Q 1K5 0.1% 25PPM 0207 0.5W	PRODUCTION
1-2176703-4	SMA-Q0207BTCU1K54	MELF SMA-Q 1K54 0.1% 25PPM 0207 0.5W	PRODUCTION
1-2176703-5	SMA-Q0207BTCU1K58	MELF SMA-Q 1K58 0.1% 25PPM 0207 0.5W	PRODUCTION
1-2176703-6	SMA-Q0207BTCU1K62	MELF SMA-Q 1K62 0.1% 25PPM 0207 0.5W	PRODUCTION
1-2176703-7	SMA-Q0207BTCU1K65	MELF SMA-Q 1K65 0.1% 25PPM 0207 0.5W	PRODUCTION
1-2176703-8	SMA-Q0207BTCU1K69	MELF SMA-Q 1K69 0.1% 25PPM 0207 0.5W	PRODUCTION
1-2176703-9	SMA-Q0207BTCU1K74	MELF SMA-Q 1K74 0.1% 25PPM 0207 0.5W	PRODUCTION
2-2176703-0	SMA-Q0207BTCU1K78	MELF SMA-Q 1K78 0.1% 25PPM 0207 0.5W	PRODUCTION
2-2176703-1	SMA-Q0207BTCU1K82	MELF SMA-Q 1K82 0.1% 25PPM 0207 0.5W	PRODUCTION
2-2176703-2	SMA-Q0207BTCU1K87	MELF SMA-Q 1K87 0.1% 25PPM 0207 0.5W	PRODUCTION
2-2176703-3	SMA-Q0207BTCU1K91	MELF SMA-Q 1K91 0.1% 25PPM 0207 0.5W	PRODUCTION
2-2176703-4	SMA-Q0207BTCU1K96	MELF SMA-Q 1K96 0.1% 25PPM 0207 0.5W	PRODUCTION
2-2176703-5	SMA-Q0207BTCU2K0	MELF SMA-Q 2K0 0.1% 25PPM 0207 0.5W	PRODUCTION
2-2176703-6	SMA-Q0207BTCU2K05	MELF SMA-Q 2K05 0.1% 25PPM 0207 0.5W	PRODUCTION
2-2176703-7	SMA-Q0207BTCU2K1	MELF SMA-Q 2K1 0.1% 25PPM 0207 0.5W	PRODUCTION
2-2176703-8	SMA-Q0207BTCU2K15	MELF SMA-Q 2K15 0.1% 25PPM 0207 0.5W	PRODUCTION
2-2176703-9	SMA-Q0207BTCU2K21	MELF SMA-Q 2K21 0.1% 25PPM 0207 0.5W	PRODUCTION
3-2176703-0	SMA-Q0207BTCU2K26	MELF SMA-Q 2K26 0.1% 25PPM 0207 0.5W	PRODUCTION
3-2176703-1	SMA-Q0207BTCU2K32	MELF SMA-Q 2K32 0.1% 25PPM 0207 0.5W	PRODUCTION
3-2176703-2	SMA-Q0207BTCU2K37	MELF SMA-Q 2K37 0.1% 25PPM 0207 0.5W	PRODUCTION
3-2176703-3	SMA-Q0207BTCU2K43	MELF SMA-Q 2K43 0.1% 25PPM 0207 0.5W	PRODUCTION

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176703-4	SMA-Q0207BTCU2K49	MELF SMA-Q 2K49 0.1% 25PPM 0207 0.5W	PRODUCTION
3-2176703-5	SMA-Q0207BTCU2K55	MELF SMA-Q 2K55 0.1% 25PPM 0207 0.5W	PRODUCTION
3-2176703-6	SMA-Q0207BTCU2K61	MELF SMA-Q 2K61 0.1% 25PPM 0207 0.5W	PRODUCTION
3-2176703-7	SMA-Q0207BTCU2K67	MELF SMA-Q 2K67 0.1% 25PPM 0207 0.5W	PRODUCTION
3-2176703-8	SMA-Q0207BTCU2K74	MELF SMA-Q 2K74 0.1% 25PPM 0207 0.5W	PRODUCTION
3-2176703-9	SMA-Q0207BTCU2K8	MELF SMA-Q 2K8 0.1% 25PPM 0207 0.5W	PRODUCTION
4-2176703-0	SMA-Q0207BTCU2K87	MELF SMA-Q 2K87 0.1% 25PPM 0207 0.5W	PRODUCTION
4-2176703-1	SMA-Q0207BTCU2K94	MELF SMA-Q 2K94 0.1% 25PPM 0207 0.5W	PRODUCTION
4-2176703-2	SMA-Q0207BTCU3K01	MELF SMA-Q 3K01 0.1% 25PPM 0207 0.5W	PRODUCTION
4-2176703-3	SMA-Q0207BTCU3K09	MELF SMA-Q 3K09 0.1% 25PPM 0207 0.5W	PRODUCTION
4-2176703-4	SMA-Q0207BTCU3K16	MELF SMA-Q 3K16 0.1% 25PPM 0207 0.5W	PRODUCTION
4-2176703-5	SMA-Q0207BTCU3K24	MELF SMA-Q 3K24 0.1% 25PPM 0207 0.5W	PRODUCTION
4-2176703-6	SMA-Q0207BTCU3K32	MELF SMA-Q 3K32 0.1% 25PPM 0207 0.5W	PRODUCTION
4-2176703-7	SMA-Q0207BTCU3K4	MELF SMA-Q 3K4 0.1% 25PPM 0207 0.5W	PRODUCTION
4-2176703-8	SMA-Q0207BTCU3K48	MELF SMA-Q 3K48 0.1% 25PPM 0207 0.5W	PRODUCTION
4-2176703-9	SMA-Q0207BTCU3K57	MELF SMA-Q 3K57 0.1% 25PPM 0207 0.5W	PRODUCTION
5-2176703-0	SMA-Q0207BTCU3K65	MELF SMA-Q 3K65 0.1% 25PPM 0207 0.5W	PRODUCTION
5-2176703-1	SMA-Q0207BTCU3K74	MELF SMA-Q 3K74 0.1% 25PPM 0207 0.5W	PRODUCTION
5-2176703-2	SMA-Q0207BTCU3K83	MELF SMA-Q 3K83 0.1% 25PPM 0207 0.5W	PRODUCTION
5-2176703-3	SMA-Q0207BTCU3K92	MELF SMA-Q 3K92 0.1% 25PPM 0207 0.5W	PRODUCTION
5-2176703-4	SMA-Q0207BTCU4K02	MELF SMA-Q 4K02 0.1% 25PPM 0207 0.5W	PRODUCTION
5-2176703-5	SMA-Q0207BTCU4K12	MELF SMA-Q 4K12 0.1% 25PPM 0207 0.5W	PRODUCTION
5-2176703-6	SMA-Q0207BTCU4K22	MELF SMA-Q 4K22 0.1% 25PPM 0207 0.5W	PRODUCTION
5-2176703-7	SMA-Q0207BTCU4K32	MELF SMA-Q 4K32 0.1% 25PPM 0207 0.5W	PRODUCTION
5-2176703-8	SMA-Q0207BTCU4K42	MELF SMA-Q 4K42 0.1% 25PPM 0207 0.5W	PRODUCTION
5-2176703-9	SMA-Q0207BTCU4K53	MELF SMA-Q 4K53 0.1% 25PPM 0207 0.5W	PRODUCTION
6-2176703-0	SMA-Q0207BTCU4K64	MELF SMA-Q 4K64 0.1% 25PPM 0207 0.5W	PRODUCTION
6-2176703-1	SMA-Q0207BTCU4K75	MELF SMA-Q 4K75 0.1% 25PPM 0207 0.5W	PRODUCTION
6-2176703-2	SMA-Q0207BTCU4K87	MELF SMA-Q 4K87 0.1% 25PPM 0207 0.5W	PRODUCTION
6-2176703-3	SMA-Q0207BTCU4K99	MELF SMA-Q 4K99 0.1% 25PPM 0207 0.5W	PRODUCTION
6-2176703-4	SMA-Q0207BTCU5K11	MELF SMA-Q 5K11 0.1% 25PPM 0207 0.5W	PRODUCTION
6-2176703-5	SMA-Q0207BTCU5K23	MELF SMA-Q 5K23 0.1% 25PPM 0207 0.5W	PRODUCTION
6-2176703-6	SMA-Q0207BTCU5K36	MELF SMA-Q 5K36 0.1% 25PPM 0207 0.5W	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



0 PLC ±0.2

1 PLC ±0.1

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±5°

MATERIAL
-
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

FINISH

-
-

DWN DHEERAJ M 29NOV2023

CHK TRACY G 29NOV2023

APVD ALLAN P 29NOV2023

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

©-2176703

SCALE 20:1

SHEET 2 OF 3

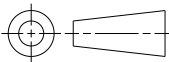
REV BA

1470-19 (3/13)

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176703-7	SMA-Q0207BTCU5K49	MELF SMA-Q 5K49 0.1% 25PPM 0207 0.5W	PRODUCTION
6-2176703-8	SMA-Q0207BTCU5K62	MELF SMA-Q 5K62 0.1% 25PPM 0207 0.5W	PRODUCTION
6-2176703-9	SMA-Q0207BTCU5K76	MELF SMA-Q 5K76 0.1% 25PPM 0207 0.5W	PRODUCTION
7-2176703-0	SMA-Q0207BTCU5K9	MELF SMA-Q 5K9 0.1% 25PPM 0207 0.5W	PRODUCTION
7-2176703-1	SMA-Q0207BTCU6K04	MELF SMA-Q 6K04 0.1% 25PPM 0207 0.5W	PRODUCTION
7-2176703-2	SMA-Q0207BTCU6K19	MELF SMA-Q 6K19 0.1% 25PPM 0207 0.5W	PRODUCTION
7-2176703-3	SMA-Q0207BTCU6K34	MELF SMA-Q 6K34 0.1% 25PPM 0207 0.5W	PRODUCTION
7-2176703-4	SMA-Q0207BTCU6K49	MELF SMA-Q 6K49 0.1% 25PPM 0207 0.5W	PRODUCTION
7-2176703-5	SMA-Q0207BTCU6K65	MELF SMA-Q 6K65 0.1% 25PPM 0207 0.5W	PRODUCTION
7-2176703-6	SMA-Q0207BTCU6K81	MELF SMA-Q 6K81 0.1% 25PPM 0207 0.5W	PRODUCTION
7-2176703-7	SMA-Q0207BTCU6K98	MELF SMA-Q 6K98 0.1% 25PPM 0207 0.5W	PRODUCTION
7-2176703-8	SMA-Q0207BTCU7K15	MELF SMA-Q 7K15 0.1% 25PPM 0207 0.5W	PRODUCTION
7-2176703-9	SMA-Q0207BTCU7K32	MELF SMA-Q 7K32 0.1% 25PPM 0207 0.5W	PRODUCTION
8-2176703-0	SMA-Q0207BTCU7K5	MELF SMA-Q 7K5 0.1% 25PPM 0207 0.5W	PRODUCTION
8-2176703-1	SMA-Q0207BTCU7K68	MELF SMA-Q 7K68 0.1% 25PPM 0207 0.5W	PRODUCTION
8-2176703-2	SMA-Q0207BTCU7K87	MELF SMA-Q 7K87 0.1% 25PPM 0207 0.5W	PRODUCTION
8-2176703-3	SMA-Q0207BTCU8K06	MELF SMA-Q 8K06 0.1% 25PPM 0207 0.5W	PRODUCTION
8-2176703-4	SMA-Q0207BTCU8K25	MELF SMA-Q 8K25 0.1% 25PPM 0207 0.5W	PRODUCTION
8-2176703-5	SMA-Q0207BTCU8K45	MELF SMA-Q 8K45 0.1% 25PPM 0207 0.5W	PRODUCTION
8-2176703-6	SMA-Q0207BTCU8K66	MELF SMA-Q 8K66 0.1% 25PPM 0207 0.5W	PRODUCTION
8-2176703-7	SMA-Q0207BTCU8K87	MELF SMA-Q 8K87 0.1% 25PPM 0207 0.5W	PRODUCTION
8-2176703-8	SMA-Q0207BTCU9K09	MELF SMA-Q 9K09 0.1% 25PPM 0207 0.5W	PRODUCTION
8-2176703-9	SMA-Q0207BTCU9K31	MELF SMA-Q 9K31 0.1% 25PPM 0207 0.5W	PRODUCTION
9-2176703-0	SMA-Q0207BTCU9K53	MELF SMA-Q 9K53 0.1% 25PPM 0207 0.5W	PRODUCTION
9-2176703-1	SMA-Q0207BTCU9K76	MELF SMA-Q 9K76 0.1% 25PPM 0207 0.5W	PRODUCTION
9-2176703-2	SMA-Q0207BTCU10K	MELF SMA-Q 10K 0.1% 25PPM 0207 0.5W	PRODUCTION
9-2176703-3	SMA-Q0207BTCU10K2	MELF SMA-Q 10K2 0.1% 25PPM 0207 0.5W	PRODUCTION
9-2176703-4	SMA-Q0207BTCU10K5	MELF SMA-Q 10K5 0.1% 25PPM 0207 0.5W	PRODUCTION
9-2176703-5	SMA-Q0207BTCU10K7	MELF SMA-Q 10K7 0.1% 25PPM 0207 0.5W	PRODUCTION
9-2176703-6	SMA-Q0207BTCU11K	MELF SMA-Q 11K 0.1% 25PPM 0207 0.5W	PRODUCTION
9-2176703-7	SMA-Q0207BTCU11K3	MELF SMA-Q 11K3 0.1% 25PPM 0207 0.5W	PRODUCTION
9-2176703-8	SMA-Q0207BTCU11K5	MELF SMA-Q 11K5 0.1% 25PPM 0207 0.5W	PRODUCTION
9-2176703-9	SMA-Q0207BTCU11K8	MELF SMA-Q 11K8 0.1% 25PPM 0207 0.5W	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M	29NOV2023	TE Connectivity			
		CHK TRACY G	29NOV2023				
DIMENSIONS: mm		APVD ALLAN P	29NOV2023	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0207 SERIES			
		PRODUCT SPEC -					
APPLICATION SPEC -		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
MATERIAL -		FINISH -	WEIGHT -		A3	00779	©=2176703
CUSTOMER DRAWING				SCALE 20:1	SHEET 3 OF 3	REV BA	