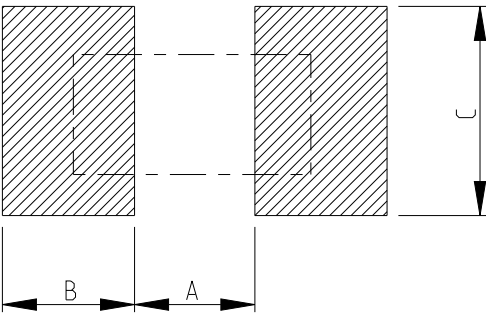


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	29NOV2023	DM	AP

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

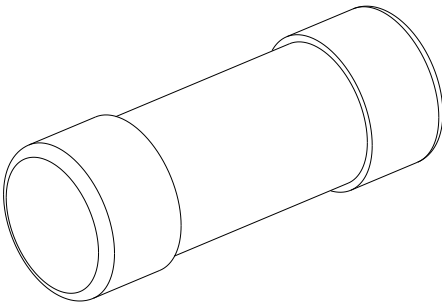
RECOMMENDED LAND PATTERN

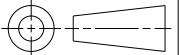


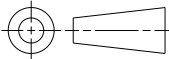
TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0207	5.9±0.2	2.9	2.2±0.2	D +0/-0.2	1.3±0.1	80.9

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		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0207 SERIES	
		0 PLC ±0.2 1 PLC ±0.1 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±5°			
MATERIAL - -		FINISH - -		SIZE A3	
		WEIGHT -		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C=2176668	
				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
2176668-1	SMA-Q0207BTCT12K1	MELF SMA-Q 12K1 0.1% 25PPM 0207 1W	PRODUCTION
2176668-2	SMA-Q0207BTCT12K4	MELF SMA-Q 12K4 0.1% 25PPM 0207 1W	PRODUCTION
2176668-3	SMA-Q0207BTCT12K7	MELF SMA-Q 12K7 0.1% 25PPM 0207 1W	PRODUCTION
2176668-4	SMA-Q0207BTCT13K	MELF SMA-Q 13K 0.1% 25PPM 0207 1W	PRODUCTION
2176668-5	SMA-Q0207BTCT13K3	MELF SMA-Q 13K3 0.1% 25PPM 0207 1W	PRODUCTION
2176668-6	SMA-Q0207BTCT13K7	MELF SMA-Q 13K7 0.1% 25PPM 0207 1W	PRODUCTION
2176668-7	SMA-Q0207BTCT14K	MELF SMA-Q 14K 0.1% 25PPM 0207 1W	PRODUCTION
2176668-8	SMA-Q0207BTCT14K3	MELF SMA-Q 14K3 0.1% 25PPM 0207 1W	PRODUCTION
2176668-9	SMA-Q0207BTCT14K7	MELF SMA-Q 14K7 0.1% 25PPM 0207 1W	PRODUCTION
1-2176668-0	SMA-Q0207BTCT15K	MELF SMA-Q 15K 0.1% 25PPM 0207 1W	PRODUCTION
1-2176668-1	SMA-Q0207BTCT15K4	MELF SMA-Q 15K4 0.1% 25PPM 0207 1W	PRODUCTION
1-2176668-2	SMA-Q0207BTCT15K8	MELF SMA-Q 15K8 0.1% 25PPM 0207 1W	PRODUCTION
1-2176668-3	SMA-Q0207BTCT16K2	MELF SMA-Q 16K2 0.1% 25PPM 0207 1W	PRODUCTION
1-2176668-4	SMA-Q0207BTCT16K5	MELF SMA-Q 16K5 0.1% 25PPM 0207 1W	PRODUCTION
1-2176668-5	SMA-Q0207BTCT16K9	MELF SMA-Q 16K9 0.1% 25PPM 0207 1W	PRODUCTION
1-2176668-6	SMA-Q0207BTCT17K4	MELF SMA-Q 17K4 0.1% 25PPM 0207 1W	PRODUCTION
1-2176668-7	SMA-Q0207BTCT17K8	MELF SMA-Q 17K8 0.1% 25PPM 0207 1W	PRODUCTION
1-2176668-8	SMA-Q0207BTCT18K2	MELF SMA-Q 18K2 0.1% 25PPM 0207 1W	PRODUCTION
1-2176668-9	SMA-Q0207BTCT18K7	MELF SMA-Q 18K7 0.1% 25PPM 0207 1W	PRODUCTION
2-2176668-0	SMA-Q0207BTCT19K1	MELF SMA-Q 19K1 0.1% 25PPM 0207 1W	PRODUCTION
2-2176668-1	SMA-Q0207BTCT19K6	MELF SMA-Q 19K6 0.1% 25PPM 0207 1W	PRODUCTION
2-2176668-2	SMA-Q0207BTCT20K	MELF SMA-Q 20K 0.1% 25PPM 0207 1W	PRODUCTION
2-2176668-3	SMA-Q0207BTCT20K5	MELF SMA-Q 20K5 0.1% 25PPM 0207 1W	PRODUCTION
2-2176668-4	SMA-Q0207BTCT21K	MELF SMA-Q 21K 0.1% 25PPM 0207 1W	PRODUCTION
2-2176668-5	SMA-Q0207BTCT21K5	MELF SMA-Q 21K5 0.1% 25PPM 0207 1W	PRODUCTION
2-2176668-6	SMA-Q0207BTCT22K1	MELF SMA-Q 22K1 0.1% 25PPM 0207 1W	PRODUCTION
2-2176668-7	SMA-Q0207BTCT22K6	MELF SMA-Q 22K6 0.1% 25PPM 0207 1W	PRODUCTION
2-2176668-8	SMA-Q0207BTCT23K2	MELF SMA-Q 23K2 0.1% 25PPM 0207 1W	PRODUCTION
2-2176668-9	SMA-Q0207BTCT23K7	MELF SMA-Q 23K7 0.1% 25PPM 0207 1W	PRODUCTION
3-2176668-0	SMA-Q0207BTCT24K3	MELF SMA-Q 24K3 0.1% 25PPM 0207 1W	PRODUCTION
3-2176668-1	SMA-Q0207BTCT24K9	MELF SMA-Q 24K9 0.1% 25PPM 0207 1W	PRODUCTION
3-2176668-2	SMA-Q0207BTCT25K5	MELF SMA-Q 25K5 0.1% 25PPM 0207 1W	PRODUCTION
3-2176668-3	SMA-Q0207BTCT26K1	MELF SMA-Q 26K1 0.1% 25PPM 0207 1W	PRODUCTION

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176668-4	SMA-Q0207BTCT26K7	MELF SMA-Q 26K7 0.1% 25PPM 0207 1W	PRODUCTION
3-2176668-5	SMA-Q0207BTCT27K4	MELF SMA-Q 27K4 0.1% 25PPM 0207 1W	PRODUCTION
3-2176668-6	SMA-Q0207BTCT28K	MELF SMA-Q 28K 0.1% 25PPM 0207 1W	PRODUCTION
3-2176668-7	SMA-Q0207BTCT28K7	MELF SMA-Q 28K7 0.1% 25PPM 0207 1W	PRODUCTION
3-2176668-8	SMA-Q0207BTCT29K4	MELF SMA-Q 29K4 0.1% 25PPM 0207 1W	PRODUCTION
3-2176668-9	SMA-Q0207BTCT30K1	MELF SMA-Q 30K1 0.1% 25PPM 0207 1W	PRODUCTION
4-2176668-0	SMA-Q0207BTCT30K9	MELF SMA-Q 30K9 0.1% 25PPM 0207 1W	PRODUCTION
4-2176668-1	SMA-Q0207BTCT31K6	MELF SMA-Q 31K6 0.1% 25PPM 0207 1W	PRODUCTION
4-2176668-2	SMA-Q0207BTCT32K4	MELF SMA-Q 32K4 0.1% 25PPM 0207 1W	PRODUCTION
4-2176668-3	SMA-Q0207BTCT33K2	MELF SMA-Q 33K2 0.1% 25PPM 0207 1W	PRODUCTION
4-2176668-4	SMA-Q0207BTCT34K	MELF SMA-Q 34K 0.1% 25PPM 0207 1W	PRODUCTION
4-2176668-5	SMA-Q0207BTCT34K8	MELF SMA-Q 34K8 0.1% 25PPM 0207 1W	PRODUCTION
4-2176668-6	SMA-Q0207BTCT35K7	MELF SMA-Q 35K7 0.1% 25PPM 0207 1W	PRODUCTION
4-2176668-7	SMA-Q0207BTCT36K5	MELF SMA-Q 36K5 0.1% 25PPM 0207 1W	PRODUCTION
4-2176668-8	SMA-Q0207BTCT37K4	MELF SMA-Q 37K4 0.1% 25PPM 0207 1W	PRODUCTION
4-2176668-9	SMA-Q0207BTCT38K3	MELF SMA-Q 38K3 0.1% 25PPM 0207 1W	PRODUCTION
5-2176668-0	SMA-Q0207BTCT39K2	MELF SMA-Q 39K2 0.1% 25PPM 0207 1W	PRODUCTION
5-2176668-1	SMA-Q0207BTCT40K2	MELF SMA-Q 40K2 0.1% 25PPM 0207 1W	PRODUCTION
5-2176668-2	SMA-Q0207BTCT41K2	MELF SMA-Q 41K2 0.1% 25PPM 0207 1W	PRODUCTION
5-2176668-3	SMA-Q0207BTCT42K2	MELF SMA-Q 42K2 0.1% 25PPM 0207 1W	PRODUCTION
5-2176668-4	SMA-Q0207BTCT43K2	MELF SMA-Q 43K2 0.1% 25PPM 0207 1W	PRODUCTION
5-2176668-5	SMA-Q0207BTCT44K2	MELF SMA-Q 44K2 0.1% 25PPM 0207 1W	PRODUCTION
5-2176668-6	SMA-Q0207BTCT45K3	MELF SMA-Q 45K3 0.1% 25PPM 0207 1W	PRODUCTION
5-2176668-7	SMA-Q0207BTCT46K4	MELF SMA-Q 46K4 0.1% 25PPM 0207 1W	PRODUCTION
5-2176668-8	SMA-Q0207BTCT47K5	MELF SMA-Q 47K5 0.1% 25PPM 0207 1W	PRODUCTION
5-2176668-9	SMA-Q0207BTCT48K7	MELF SMA-Q 48K7 0.1% 25PPM 0207 1W	PRODUCTION
6-2176668-0	SMA-Q0207BTCT49K9	MELF SMA-Q 49K9 0.1% 25PPM 0207 1W	PRODUCTION
6-2176668-1	SMA-Q0207BTCT51K1	MELF SMA-Q 51K1 0.1% 25PPM 0207 1W	PRODUCTION
6-2176668-2	SMA-Q0207BTCT52K3	MELF SMA-Q 52K3 0.1% 25PPM 0207 1W	PRODUCTION
6-2176668-3	SMA-Q0207BTCT53K6	MELF SMA-Q 53K6 0.1% 25PPM 0207 1W	PRODUCTION
6-2176668-4	SMA-Q0207BTCT54K9	MELF SMA-Q 54K9 0.1% 25PPM 0207 1W	PRODUCTION
6-2176668-5	SMA-Q0207BTCT56K2	MELF SMA-Q 56K2 0.1% 25PPM 0207 1W	PRODUCTION
6-2176668-6	SMA-Q0207BTCT57K6	MELF SMA-Q 57K6 0.1% 25PPM 0207 1W	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.2
1 PLC ±0.1
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±5°
FINISH
-

DWN
DHEERAJ M
CHK
TRACY G
APVD
ALLAN P
PRODUCT SPEC
-
APPLICATION SPEC
-
WEIGHT
-

29NOV2023
29NOV2023
29NOV2023

TE Connectivity

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

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-2176668

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
20:1

SHEET
2 OF 3

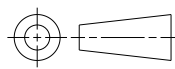
REV
BA

1470-19 (3/13)

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176668-7	SMA-Q0207BTCT59K	MELF SMA-Q 59K 0.1% 25PPM 0207 1W	PRODUCTION
6-2176668-8	SMA-Q0207BTCT60K4	MELF SMA-Q 60K4 0.1% 25PPM 0207 1W	PRODUCTION
6-2176668-9	SMA-Q0207BTCT61K9	MELF SMA-Q 61K9 0.1% 25PPM 0207 1W	PRODUCTION
7-2176668-0	SMA-Q0207BTCT63K4	MELF SMA-Q 63K4 0.1% 25PPM 0207 1W	PRODUCTION
7-2176668-1	SMA-Q0207BTCT64K9	MELF SMA-Q 64K9 0.1% 25PPM 0207 1W	PRODUCTION
7-2176668-2	SMA-Q0207BTCT66K5	MELF SMA-Q 66K5 0.1% 25PPM 0207 1W	PRODUCTION
7-2176668-3	SMA-Q0207BTCT68K1	MELF SMA-Q 68K1 0.1% 25PPM 0207 1W	PRODUCTION
7-2176668-4	SMA-Q0207BTCT69K8	MELF SMA-Q 69K8 0.1% 25PPM 0207 1W	PRODUCTION
7-2176668-5	SMA-Q0207BTCT71K5	MELF SMA-Q 71K5 0.1% 25PPM 0207 1W	PRODUCTION
7-2176668-6	SMA-Q0207BTCT73K2	MELF SMA-Q 73K2 0.1% 25PPM 0207 1W	PRODUCTION
7-2176668-7	SMA-Q0207BTCT75K	MELF SMA-Q 75K 0.1% 25PPM 0207 1W	PRODUCTION
7-2176668-8	SMA-Q0207BTCT76K8	MELF SMA-Q 76K8 0.1% 25PPM 0207 1W	PRODUCTION
7-2176668-9	SMA-Q0207BTCT78K7	MELF SMA-Q 78K7 0.1% 25PPM 0207 1W	PRODUCTION
8-2176668-0	SMA-Q0207BTCT80K6	MELF SMA-Q 80K6 0.1% 25PPM 0207 1W	PRODUCTION
8-2176668-1	SMA-Q0207BTCT82K5	MELF SMA-Q 82K5 0.1% 25PPM 0207 1W	PRODUCTION
8-2176668-2	SMA-Q0207BTCT84K5	MELF SMA-Q 84K5 0.1% 25PPM 0207 1W	PRODUCTION
8-2176668-3	SMA-Q0207BTCT86K6	MELF SMA-Q 86K6 0.1% 25PPM 0207 1W	PRODUCTION
8-2176668-4	SMA-Q0207BTCT88K7	MELF SMA-Q 88K7 0.1% 25PPM 0207 1W	PRODUCTION
8-2176668-5	SMA-Q0207BTCT90K9	MELF SMA-Q 90K9 0.1% 25PPM 0207 1W	PRODUCTION
8-2176668-6	SMA-Q0207BTCT93K1	MELF SMA-Q 93K1 0.1% 25PPM 0207 1W	PRODUCTION
8-2176668-7	SMA-Q0207BTCT95K3	MELF SMA-Q 95K3 0.1% 25PPM 0207 1W	PRODUCTION
8-2176668-8	SMA-Q0207BTCT97K6	MELF SMA-Q 97K6 0.1% 25PPM 0207 1W	PRODUCTION
8-2176668-9	SMA-Q0207BTCT100K	MELF SMA-Q 100K 0.1% 25PPM 0207 1W	PRODUCTION
9-2176668-0	SMA-Q0207BTCT102K	MELF SMA-Q 102K 0.1% 25PPM 0207 1W	PRODUCTION
9-2176668-1	SMA-Q0207BTCT105K	MELF SMA-Q 105K 0.1% 25PPM 0207 1W	PRODUCTION
9-2176668-2	SMA-Q0207BTCT107K	MELF SMA-Q 107K 0.1% 25PPM 0207 1W	PRODUCTION
9-2176668-3	SMA-Q0207BTCT110K	MELF SMA-Q 110K 0.1% 25PPM 0207 1W	PRODUCTION
9-2176668-4	SMA-Q0207BTCT113K	MELF SMA-Q 113K 0.1% 25PPM 0207 1W	PRODUCTION
9-2176668-5	SMA-Q0207BTCT115K	MELF SMA-Q 115K 0.1% 25PPM 0207 1W	PRODUCTION
9-2176668-6	SMA-Q0207BTCT118K	MELF SMA-Q 118K 0.1% 25PPM 0207 1W	PRODUCTION
9-2176668-7	SMA-Q0207BTCT121K	MELF SMA-Q 121K 0.1% 25PPM 0207 1W	PRODUCTION
9-2176668-8	SMA-Q0207BTCT124K	MELF SMA-Q 124K 0.1% 25PPM 0207 1W	PRODUCTION
9-2176668-9	SMA-Q0207BTCT127K	MELF SMA-Q 127K 0.1% 25PPM 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:	APVD ALLAN P	29NOV2023	NAME METAL FILM PRECISION MELF RESISTORS AEC-Q200 QUALIFIED TYPE SMA-Q 0207 SERIES			
		0 PLC ±0.2 1 PLC ±0.1 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±5°	PRODUCT SPEC -					
MATERIAL -	FINISH -	APPLICATION SPEC -	WEIGHT -		SIZE A3	CAGE CODE 00779	DRAWING NO C-2176668	RESTRICTED TO -
		CUSTOMER DRAWING			SCALE 20:1	SHEET 3 OF 3	REV BA	