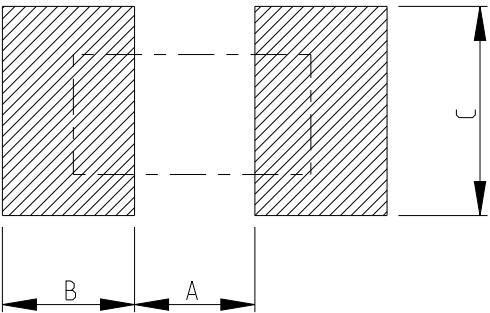


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	29NOV2023	DM	AP

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

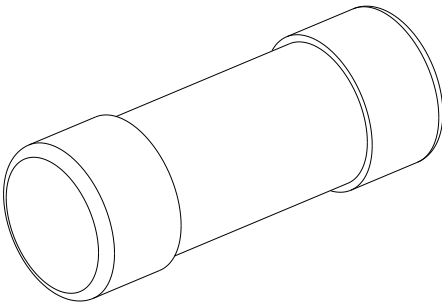
RECOMMENDED LAND PATTERN

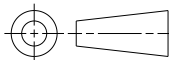


TYPE	L (mm)	L1 min. (mm)	ØD (mm)	ØD1 (mm)	K (mm)	WEIGHT MG EA
SMA-Q 0207	5.9±0.2	2.9	2.2±0.2	D +0/-0.2	1.3±0.1	80.9

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			
DIMENSIONS: mm		CHK TRACY G 29NOV2023					
	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 -				
			APPLICATION SPEC -				
			MATERIAL -				
			FINISH -				
CUSTOMER DRAWING		WEIGHT -		SIZE A3	CAGE CODE 00779	DRAWING NO C-2176665	RESTRICTED TO -
				SCALE 20:1		SHEET 1 OF 3	REV BA

REVISIONS

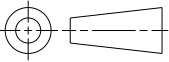
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176665-1	SMA-Q0207TZR	MELF SMA-Q 1W ZEROHM 0207 5A	PRODUCTION
2176665-2	SMA-Q0207BTCT10R	MELF SMA-Q 10R 0.1% 25PPM 0207 1W	PRODUCTION
2176665-3	SMA-Q0207BTCT10R2	MELF SMA-Q 10R2 0.1% 25PPM 0207 1W	PRODUCTION
2176665-4	SMA-Q0207BTCT10R5	MELF SMA-Q 10R5 0.1% 25PPM 0207 1W	PRODUCTION
2176665-5	SMA-Q0207BTCT10R7	MELF SMA-Q 10R7 0.1% 25PPM 0207 1W	PRODUCTION
2176665-6	SMA-Q0207BTCT11R	MELF SMA-Q 11R 0.1% 25PPM 0207 1W	PRODUCTION
2176665-7	SMA-Q0207BTCT11R3	MELF SMA-Q 11R3 0.1% 25PPM 0207 1W	PRODUCTION
2176665-8	SMA-Q0207BTCT11R5	MELF SMA-Q 11R5 0.1% 25PPM 0207 1W	PRODUCTION
2176665-9	SMA-Q0207BTCT11R8	MELF SMA-Q 11R8 0.1% 25PPM 0207 1W	PRODUCTION
1-2176665-0	SMA-Q0207BTCT12R1	MELF SMA-Q 12R1 0.1% 25PPM 0207 1W	PRODUCTION
1-2176665-1	SMA-Q0207BTCT12R4	MELF SMA-Q 12R4 0.1% 25PPM 0207 1W	PRODUCTION
1-2176665-2	SMA-Q0207BTCT12R7	MELF SMA-Q 12R7 0.1% 25PPM 0207 1W	PRODUCTION
1-2176665-3	SMA-Q0207BTCT13R	MELF SMA-Q 13R 0.1% 25PPM 0207 1W	PRODUCTION
1-2176665-4	SMA-Q0207BTCT13R3	MELF SMA-Q 13R3 0.1% 25PPM 0207 1W	PRODUCTION
1-2176665-5	SMA-Q0207BTCT13R7	MELF SMA-Q 13R7 0.1% 25PPM 0207 1W	PRODUCTION
1-2176665-6	SMA-Q0207BTCT14R	MELF SMA-Q 14R 0.1% 25PPM 0207 1W	PRODUCTION
1-2176665-7	SMA-Q0207BTCT14R3	MELF SMA-Q 14R3 0.1% 25PPM 0207 1W	PRODUCTION
1-2176665-8	SMA-Q0207BTCT14R7	MELF SMA-Q 14R7 0.1% 25PPM 0207 1W	PRODUCTION
1-2176665-9	SMA-Q0207BTCT15R	MELF SMA-Q 15R 0.1% 25PPM 0207 1W	PRODUCTION
2-2176665-0	SMA-Q0207BTCT15R4	MELF SMA-Q 15R4 0.1% 25PPM 0207 1W	PRODUCTION
2-2176665-1	SMA-Q0207BTCT15R8	MELF SMA-Q 15R8 0.1% 25PPM 0207 1W	PRODUCTION
2-2176665-2	SMA-Q0207BTCT16R2	MELF SMA-Q 16R2 0.1% 25PPM 0207 1W	PRODUCTION
2-2176665-3	SMA-Q0207BTCT16R5	MELF SMA-Q 16R5 0.1% 25PPM 0207 1W	PRODUCTION
2-2176665-4	SMA-Q0207BTCT16R9	MELF SMA-Q 16R9 0.1% 25PPM 0207 1W	PRODUCTION
2-2176665-5	SMA-Q0207BTCT17R4	MELF SMA-Q 17R4 0.1% 25PPM 0207 1W	PRODUCTION
2-2176665-6	SMA-Q0207BTCT17R8	MELF SMA-Q 17R8 0.1% 25PPM 0207 1W	PRODUCTION
2-2176665-7	SMA-Q0207BTCT18R2	MELF SMA-Q 18R2 0.1% 25PPM 0207 1W	PRODUCTION
2-2176665-8	SMA-Q0207BTCT18R7	MELF SMA-Q 18R7 0.1% 25PPM 0207 1W	PRODUCTION
2-2176665-9	SMA-Q0207BTCT19R1	MELF SMA-Q 19R1 0.1% 25PPM 0207 1W	PRODUCTION
3-2176665-0	SMA-Q0207BTCT19R6	MELF SMA-Q 19R6 0.1% 25PPM 0207 1W	PRODUCTION
3-2176665-1	SMA-Q0207BTCT20R	MELF SMA-Q 20R 0.1% 25PPM 0207 1W	PRODUCTION
3-2176665-2	SMA-Q0207BTCT20R5	MELF SMA-Q 20R5 0.1% 25PPM 0207 1W	PRODUCTION
3-2176665-3	SMA-Q0207BTCT21R	MELF SMA-Q 21R 0.1% 25PPM 0207 1W	PRODUCTION

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176665-4	SMA-Q0207BTCT21R5	MELF SMA-Q 21R5 0.1% 25PPM 0207 1W	PRODUCTION
3-2176665-5	SMA-Q0207BTCT22R1	MELF SMA-Q 22R1 0.1% 25PPM 0207 1W	PRODUCTION
3-2176665-6	SMA-Q0207BTCT22R6	MELF SMA-Q 22R6 0.1% 25PPM 0207 1W	PRODUCTION
3-2176665-7	SMA-Q0207BTCT23R2	MELF SMA-Q 23R2 0.1% 25PPM 0207 1W	PRODUCTION
3-2176665-8	SMA-Q0207BTCT23R7	MELF SMA-Q 23R7 0.1% 25PPM 0207 1W	PRODUCTION
3-2176665-9	SMA-Q0207BTCT24R3	MELF SMA-Q 24R3 0.1% 25PPM 0207 1W	PRODUCTION
4-2176665-0	SMA-Q0207BTCT24R9	MELF SMA-Q 24R9 0.1% 25PPM 0207 1W	PRODUCTION
4-2176665-1	SMA-Q0207BTCT25R5	MELF SMA-Q 25R5 0.1% 25PPM 0207 1W	PRODUCTION
4-2176665-2	SMA-Q0207BTCT26R1	MELF SMA-Q 26R1 0.1% 25PPM 0207 1W	PRODUCTION
4-2176665-3	SMA-Q0207BTCT26R7	MELF SMA-Q 26R7 0.1% 25PPM 0207 1W	PRODUCTION
4-2176665-4	SMA-Q0207BTCT27R4	MELF SMA-Q 27R4 0.1% 25PPM 0207 1W	PRODUCTION
4-2176665-5	SMA-Q0207BTCT28R	MELF SMA-Q 28R 0.1% 25PPM 0207 1W	PRODUCTION
4-2176665-6	SMA-Q0207BTCT28R7	MELF SMA-Q 28R7 0.1% 25PPM 0207 1W	PRODUCTION
4-2176665-7	SMA-Q0207BTCT29R4	MELF SMA-Q 29R4 0.1% 25PPM 0207 1W	PRODUCTION
4-2176665-8	SMA-Q0207BTCT30R1	MELF SMA-Q 30R1 0.1% 25PPM 0207 1W	PRODUCTION
4-2176665-9	SMA-Q0207BTCT30R9	MELF SMA-Q 30R9 0.1% 25PPM 0207 1W	PRODUCTION
5-2176665-0	SMA-Q0207BTCT31R6	MELF SMA-Q 31R6 0.1% 25PPM 0207 1W	PRODUCTION
5-2176665-1	SMA-Q0207BTCT32R4	MELF SMA-Q 32R4 0.1% 25PPM 0207 1W	PRODUCTION
5-2176665-2	SMA-Q0207BTCT33R2	MELF SMA-Q 33R2 0.1% 25PPM 0207 1W	PRODUCTION
5-2176665-3	SMA-Q0207BTCT34R	MELF SMA-Q 34R 0.1% 25PPM 0207 1W	PRODUCTION
5-2176665-4	SMA-Q0207BTCT34R8	MELF SMA-Q 34R8 0.1% 25PPM 0207 1W	PRODUCTION
5-2176665-5	SMA-Q0207BTCT35R7	MELF SMA-Q 35R7 0.1% 25PPM 0207 1W	PRODUCTION
5-2176665-6	SMA-Q0207BTCT36R5	MELF SMA-Q 36R5 0.1% 25PPM 0207 1W	PRODUCTION
5-2176665-7	SMA-Q0207BTCT37R4	MELF SMA-Q 37R4 0.1% 25PPM 0207 1W	PRODUCTION
5-2176665-8	SMA-Q0207BTCT38R3	MELF SMA-Q 38R3 0.1% 25PPM 0207 1W	PRODUCTION
5-2176665-9	SMA-Q0207BTCT39R2	MELF SMA-Q 39R2 0.1% 25PPM 0207 1W	PRODUCTION
6-2176665-0	SMA-Q0207BTCT40R2	MELF SMA-Q 40R2 0.1% 25PPM 0207 1W	PRODUCTION
6-2176665-1	SMA-Q0207BTCT41R2	MELF SMA-Q 41R2 0.1% 25PPM 0207 1W	PRODUCTION
6-2176665-2	SMA-Q0207BTCT42R2	MELF SMA-Q 42R2 0.1% 25PPM 0207 1W	PRODUCTION
6-2176665-3	SMA-Q0207BTCT43R2	MELF SMA-Q 43R2 0.1% 25PPM 0207 1W	PRODUCTION
6-2176665-4	SMA-Q0207BTCT44R2	MELF SMA-Q 44R2 0.1% 25PPM 0207 1W	PRODUCTION
6-2176665-5	SMA-Q0207BTCT45R3	MELF SMA-Q 45R3 0.1% 25PPM 0207 1W	PRODUCTION
6-2176665-6	SMA-Q0207BTCT46R4	MELF SMA-Q 46R4 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

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

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-2176665

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
20:1

SHEET
2 OF 3

REV
BA

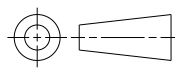
TE Connectivity

1470-19 (3/13)

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176665-7	SMA-Q0207BTCT47R5	MELF SMA-Q 47R5 0.1% 25PPM 0207 1W	PRODUCTION
6-2176665-8	SMA-Q0207BTCT48R7	MELF SMA-Q 48R7 0.1% 25PPM 0207 1W	PRODUCTION
6-2176665-9	SMA-Q0207BTCT49R9	MELF SMA-Q 49R9 0.1% 25PPM 0207 1W	PRODUCTION
7-2176665-0	SMA-Q0207BTCT51R1	MELF SMA-Q 51R1 0.1% 25PPM 0207 1W	PRODUCTION
7-2176665-1	SMA-Q0207BTCT52R3	MELF SMA-Q 52R3 0.1% 25PPM 0207 1W	PRODUCTION
7-2176665-2	SMA-Q0207BTCT53R6	MELF SMA-Q 53R6 0.1% 25PPM 0207 1W	PRODUCTION
7-2176665-3	SMA-Q0207BTCT54R9	MELF SMA-Q 54R9 0.1% 25PPM 0207 1W	PRODUCTION
7-2176665-4	SMA-Q0207BTCT56R2	MELF SMA-Q 56R2 0.1% 25PPM 0207 1W	PRODUCTION
7-2176665-5	SMA-Q0207BTCT57R6	MELF SMA-Q 57R6 0.1% 25PPM 0207 1W	PRODUCTION
7-2176665-6	SMA-Q0207BTCT59R	MELF SMA-Q 59R 0.1% 25PPM 0207 1W	PRODUCTION
7-2176665-7	SMA-Q0207BTCT60R4	MELF SMA-Q 60R4 0.1% 25PPM 0207 1W	PRODUCTION
7-2176665-8	SMA-Q0207BTCT61R9	MELF SMA-Q 61R9 0.1% 25PPM 0207 1W	PRODUCTION
7-2176665-9	SMA-Q0207BTCT63R4	MELF SMA-Q 63R4 0.1% 25PPM 0207 1W	PRODUCTION
8-2176665-0	SMA-Q0207BTCT64R9	MELF SMA-Q 64R9 0.1% 25PPM 0207 1W	PRODUCTION
8-2176665-1	SMA-Q0207BTCT66R5	MELF SMA-Q 66R5 0.1% 25PPM 0207 1W	PRODUCTION
8-2176665-2	SMA-Q0207BTCT68R1	MELF SMA-Q 68R1 0.1% 25PPM 0207 1W	PRODUCTION
8-2176665-3	SMA-Q0207BTCT69R8	MELF SMA-Q 69R8 0.1% 25PPM 0207 1W	PRODUCTION
8-2176665-4	SMA-Q0207BTCT71R5	MELF SMA-Q 71R5 0.1% 25PPM 0207 1W	PRODUCTION
8-2176665-5	SMA-Q0207BTCT73R2	MELF SMA-Q 73R2 0.1% 25PPM 0207 1W	PRODUCTION
8-2176665-6	SMA-Q0207BTCT75R	MELF SMA-Q 75R 0.1% 25PPM 0207 1W	PRODUCTION
8-2176665-7	SMA-Q0207BTCT76R8	MELF SMA-Q 76R8 0.1% 25PPM 0207 1W	PRODUCTION
8-2176665-8	SMA-Q0207BTCT78R7	MELF SMA-Q 78R7 0.1% 25PPM 0207 1W	PRODUCTION
8-2176665-9	SMA-Q0207BTCT80R6	MELF SMA-Q 80R6 0.1% 25PPM 0207 1W	PRODUCTION
9-2176665-0	SMA-Q0207BTCT82R5	MELF SMA-Q 82R5 0.1% 25PPM 0207 1W	PRODUCTION
9-2176665-1	SMA-Q0207BTCT84R5	MELF SMA-Q 84R5 0.1% 25PPM 0207 1W	PRODUCTION
9-2176665-2	SMA-Q0207BTCT86R6	MELF SMA-Q 86R6 0.1% 25PPM 0207 1W	PRODUCTION
9-2176665-3	SMA-Q0207BTCT88R7	MELF SMA-Q 88R7 0.1% 25PPM 0207 1W	PRODUCTION
9-2176665-4	SMA-Q0207BTCT90R9	MELF SMA-Q 90R9 0.1% 25PPM 0207 1W	PRODUCTION
9-2176665-5	SMA-Q0207BTCT93R1	MELF SMA-Q 93R1 0.1% 25PPM 0207 1W	PRODUCTION
9-2176665-6	SMA-Q0207BTCT95R3	MELF SMA-Q 95R3 0.1% 25PPM 0207 1W	PRODUCTION
9-2176665-7	SMA-Q0207BTCT97R6	MELF SMA-Q 97R6 0.1% 25PPM 0207 1W	PRODUCTION
9-2176665-8	SMA-Q0207BTCT100R	MELF SMA-Q 100R 0.1% 25PPM 0207 1W	PRODUCTION
9-2176665-9	SMA-Q0207BTCT102R	MELF SMA-Q 102R 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=2176665	RESTRICTED TO -
		CUSTOMER DRAWING			SCALE 20:1	SHEET 3 OF 3	REV BA