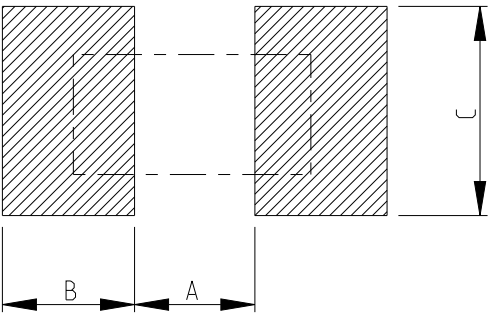


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	29NOV2023	DM	AP

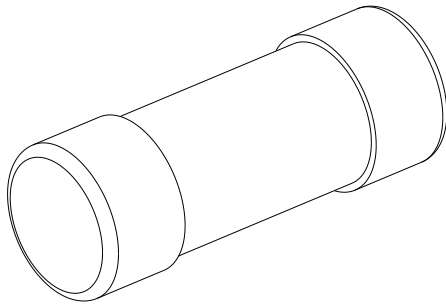
FOR FURTHER INFORMATION SEE DATA SHEET OF METAL FILM PRECISION
MELF RESISTOR AEC-Q200 QUALIFIED TYPE SMA-Q SERIES

RECOMMENDED LAND PATTERN

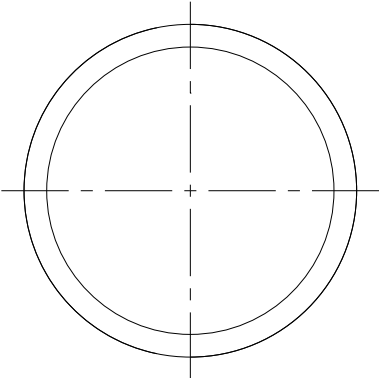
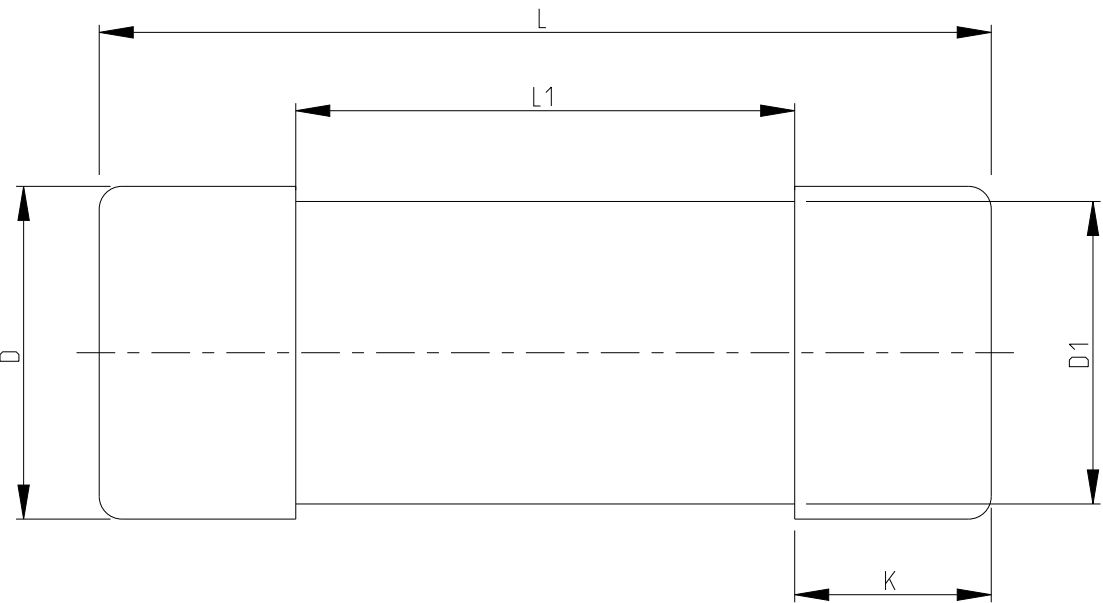


SIZE	A (mm)	B (mm)	C (mm)
SMA-Q 0207	3.0	1.7	2.4

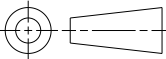
RoHS Compliant



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

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

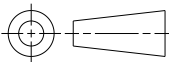
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176672-1	SMA-Q0207FTDT23R2	MELF SMA-Q 23R2 1% 50PPM 0207 1W	PRODUCTION
2176672-2	SMA-Q0207FTDT23R7	MELF SMA-Q 23R7 1% 50PPM 0207 1W	PRODUCTION
2176672-3	SMA-Q0207FTDT24R3	MELF SMA-Q 24R3 1% 50PPM 0207 1W	PRODUCTION
2176672-4	SMA-Q0207FTDT24R9	MELF SMA-Q 24R9 1% 50PPM 0207 1W	PRODUCTION
2176672-5	SMA-Q0207FTDT25R5	MELF SMA-Q 25R5 1% 50PPM 0207 1W	PRODUCTION
2176672-6	SMA-Q0207FTDT26R1	MELF SMA-Q 26R1 1% 50PPM 0207 1W	PRODUCTION
2176672-7	SMA-Q0207FTDT26R7	MELF SMA-Q 26R7 1% 50PPM 0207 1W	PRODUCTION
2176672-8	SMA-Q0207FTDT27R4	MELF SMA-Q 27R4 1% 50PPM 0207 1W	PRODUCTION
2176672-9	SMA-Q0207FTDT28R	MELF SMA-Q 28R 1% 50PPM 0207 1W	PRODUCTION
1-2176672-0	SMA-Q0207FTDT28R7	MELF SMA-Q 28R7 1% 50PPM 0207 1W	PRODUCTION
1-2176672-1	SMA-Q0207FTDT29R4	MELF SMA-Q 29R4 1% 50PPM 0207 1W	PRODUCTION
1-2176672-2	SMA-Q0207FTDT30R1	MELF SMA-Q 30R1 1% 50PPM 0207 1W	PRODUCTION
1-2176672-3	SMA-Q0207FTDT30R9	MELF SMA-Q 30R9 1% 50PPM 0207 1W	PRODUCTION
1-2176672-4	SMA-Q0207FTDT31R6	MELF SMA-Q 31R6 1% 50PPM 0207 1W	PRODUCTION
1-2176672-5	SMA-Q0207FTDT32R4	MELF SMA-Q 32R4 1% 50PPM 0207 1W	PRODUCTION
1-2176672-6	SMA-Q0207FTDT33R2	MELF SMA-Q 33R2 1% 50PPM 0207 1W	PRODUCTION
1-2176672-7	SMA-Q0207FTDT34R	MELF SMA-Q 34R 1% 50PPM 0207 1W	PRODUCTION
1-2176672-8	SMA-Q0207FTDT34R8	MELF SMA-Q 34R8 1% 50PPM 0207 1W	PRODUCTION
1-2176672-9	SMA-Q0207FTDT35R7	MELF SMA-Q 35R7 1% 50PPM 0207 1W	PRODUCTION
2-2176672-0	SMA-Q0207FTDT36R5	MELF SMA-Q 36R5 1% 50PPM 0207 1W	PRODUCTION
2-2176672-1	SMA-Q0207FTDT37R4	MELF SMA-Q 37R4 1% 50PPM 0207 1W	PRODUCTION
2-2176672-2	SMA-Q0207FTDT38R3	MELF SMA-Q 38R3 1% 50PPM 0207 1W	PRODUCTION
2-2176672-3	SMA-Q0207FTDT39R2	MELF SMA-Q 39R2 1% 50PPM 0207 1W	PRODUCTION
2-2176672-4	SMA-Q0207FTDT40R2	MELF SMA-Q 40R2 1% 50PPM 0207 1W	PRODUCTION
2-2176672-5	SMA-Q0207FTDT41R2	MELF SMA-Q 41R2 1% 50PPM 0207 1W	PRODUCTION
2-2176672-6	SMA-Q0207FTDT42R2	MELF SMA-Q 42R2 1% 50PPM 0207 1W	PRODUCTION
2-2176672-7	SMA-Q0207FTDT43R2	MELF SMA-Q 43R2 1% 50PPM 0207 1W	PRODUCTION
2-2176672-8	SMA-Q0207FTDT44R2	MELF SMA-Q 44R2 1% 50PPM 0207 1W	PRODUCTION
2-2176672-9	SMA-Q0207FTDT45R3	MELF SMA-Q 45R3 1% 50PPM 0207 1W	PRODUCTION
3-2176672-0	SMA-Q0207FTDT46R4	MELF SMA-Q 46R4 1% 50PPM 0207 1W	PRODUCTION
3-2176672-1	SMA-Q0207FTDT47R5	MELF SMA-Q 47R5 1% 50PPM 0207 1W	PRODUCTION
3-2176672-2	SMA-Q0207FTDT48R7	MELF SMA-Q 48R7 1% 50PPM 0207 1W	PRODUCTION
3-2176672-3	SMA-Q0207FTDT49R9	MELF SMA-Q 49R9 1% 50PPM 0207 1W	PRODUCTION

SCHEDULE

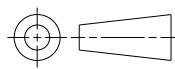
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176672-4	SMA-Q0207FTDT51R1	MELF SMA-Q 51R1 1% 50PPM 0207 1W	PRODUCTION
3-2176672-5	SMA-Q0207FTDT52R3	MELF SMA-Q 52R3 1% 50PPM 0207 1W	PRODUCTION
3-2176672-6	SMA-Q0207FTDT53R6	MELF SMA-Q 53R6 1% 50PPM 0207 1W	PRODUCTION
3-2176672-7	SMA-Q0207FTDT54R9	MELF SMA-Q 54R9 1% 50PPM 0207 1W	PRODUCTION
3-2176672-8	SMA-Q0207FTDT56R2	MELF SMA-Q 56R2 1% 50PPM 0207 1W	PRODUCTION
3-2176672-9	SMA-Q0207FTDT57R6	MELF SMA-Q 57R6 1% 50PPM 0207 1W	PRODUCTION
4-2176672-0	SMA-Q0207FTDT59R	MELF SMA-Q 59R 1% 50PPM 0207 1W	PRODUCTION
4-2176672-1	SMA-Q0207FTDT60R4	MELF SMA-Q 60R4 1% 50PPM 0207 1W	PRODUCTION
4-2176672-2	SMA-Q0207FTDT61R9	MELF SMA-Q 61R9 1% 50PPM 0207 1W	PRODUCTION
4-2176672-3	SMA-Q0207FTDT63R4	MELF SMA-Q 63R4 1% 50PPM 0207 1W	PRODUCTION
4-2176672-4	SMA-Q0207FTDT64R9	MELF SMA-Q 64R9 1% 50PPM 0207 1W	PRODUCTION
4-2176672-5	SMA-Q0207FTDT66R5	MELF SMA-Q 66R5 1% 50PPM 0207 1W	PRODUCTION
4-2176672-6	SMA-Q0207FTDT68R1	MELF SMA-Q 68R1 1% 50PPM 0207 1W	PRODUCTION
4-2176672-7	SMA-Q0207FTDT69R8	MELF SMA-Q 69R8 1% 50PPM 0207 1W	PRODUCTION
4-2176672-8	SMA-Q0207FTDT71R5	MELF SMA-Q 71R5 1% 50PPM 0207 1W	PRODUCTION
4-2176672-9	SMA-Q0207FTDT73R2	MELF SMA-Q 73R2 1% 50PPM 0207 1W	PRODUCTION
5-2176672-0	SMA-Q0207FTDT75R	MELF SMA-Q 75R 1% 50PPM 0207 1W	PRODUCTION
5-2176672-1	SMA-Q0207FTDT76R8	MELF SMA-Q 76R8 1% 50PPM 0207 1W	PRODUCTION
5-2176672-2	SMA-Q0207FTDT78R7	MELF SMA-Q 78R7 1% 50PPM 0207 1W	PRODUCTION
5-2176672-3	SMA-Q0207FTDT80R6	MELF SMA-Q 80R6 1% 50PPM 0207 1W	PRODUCTION
5-2176672-4	SMA-Q0207FTDT82R5	MELF SMA-Q 82R5 1% 50PPM 0207 1W	PRODUCTION
5-2176672-5	SMA-Q0207FTDT84R5	MELF SMA-Q 84R5 1% 50PPM 0207 1W	PRODUCTION
5-2176672-6	SMA-Q0207FTDT86R6	MELF SMA-Q 86R6 1% 50PPM 0207 1W	PRODUCTION
5-2176672-7	SMA-Q0207FTDT88R7	MELF SMA-Q 88R7 1% 50PPM 0207 1W	PRODUCTION
5-2176672-8	SMA-Q0207FTDT90R9	MELF SMA-Q 90R9 1% 50PPM 0207 1W	PRODUCTION
5-2176672-9	SMA-Q0207FTDT93R1	MELF SMA-Q 93R1 1% 50PPM 0207 1W	PRODUCTION
6-2176672-0	SMA-Q0207FTDT95R3	MELF SMA-Q 95R3 1% 50PPM 0207 1W	PRODUCTION
6-2176672-1	SMA-Q0207FTDT97R6	MELF SMA-Q 97R6 1% 50PPM 0207 1W	PRODUCTION
6-2176672-2	SMA-Q0207FTDT100R	MELF SMA-Q 100R 1% 50PPM 0207 1W	PRODUCTION
6-2176672-3	SMA-Q0207FTDT102R	MELF SMA-Q 102R 1% 50PPM 0207 1W	PRODUCTION
6-2176672-4	SMA-Q0207FTDT105R	MELF SMA-Q 105R 1% 50PPM 0207 1W	PRODUCTION
6-2176672-5	SMA-Q0207FTDT107R	MELF SMA-Q 107R 1% 50PPM 0207 1W	PRODUCTION
6-2176672-6	SMA-Q0207FTDT110R	MELF SMA-Q 110R 1% 50PPM 0207 1W	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 A3				CAGE CODE 00779	DRAWING NO C-2176672	RESTRICTED TO -		
WEIGHT -										
MATERIAL -		FINISH -		CUSTOMER DRAWING				SCALE 20:1	SHEET 2 OF 3	REV BA

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
6-2176672-7	SMA-Q0207FTDT113R	MELF SMA-Q 113R 1% 50PPM 0207 1W	PRODUCTION
6-2176672-8	SMA-Q0207FTDT115R	MELF SMA-Q 115R 1% 50PPM 0207 1W	PRODUCTION
6-2176672-9	SMA-Q0207FTDT118R	MELF SMA-Q 118R 1% 50PPM 0207 1W	PRODUCTION
7-2176672-0	SMA-Q0207FTDT121R	MELF SMA-Q 121R 1% 50PPM 0207 1W	PRODUCTION
7-2176672-1	SMA-Q0207FTDT124R	MELF SMA-Q 124R 1% 50PPM 0207 1W	PRODUCTION
7-2176672-2	SMA-Q0207FTDT127R	MELF SMA-Q 127R 1% 50PPM 0207 1W	PRODUCTION
7-2176672-3	SMA-Q0207FTDT130R	MELF SMA-Q 130R 1% 50PPM 0207 1W	PRODUCTION
7-2176672-4	SMA-Q0207FTDT133R	MELF SMA-Q 133R 1% 50PPM 0207 1W	PRODUCTION
7-2176672-5	SMA-Q0207FTDT137R	MELF SMA-Q 137R 1% 50PPM 0207 1W	PRODUCTION
7-2176672-6	SMA-Q0207FTDT140R	MELF SMA-Q 140R 1% 50PPM 0207 1W	PRODUCTION
7-2176672-7	SMA-Q0207FTDT143R	MELF SMA-Q 143R 1% 50PPM 0207 1W	PRODUCTION
7-2176672-8	SMA-Q0207FTDT147R	MELF SMA-Q 147R 1% 50PPM 0207 1W	PRODUCTION
7-2176672-9	SMA-Q0207FTDT150R	MELF SMA-Q 150R 1% 50PPM 0207 1W	PRODUCTION
8-2176672-0	SMA-Q0207FTDT154R	MELF SMA-Q 154R 1% 50PPM 0207 1W	PRODUCTION
8-2176672-1	SMA-Q0207FTDT158R	MELF SMA-Q 158R 1% 50PPM 0207 1W	PRODUCTION
8-2176672-2	SMA-Q0207FTDT162R	MELF SMA-Q 162R 1% 50PPM 0207 1W	PRODUCTION
8-2176672-3	SMA-Q0207FTDT165R	MELF SMA-Q 165R 1% 50PPM 0207 1W	PRODUCTION
8-2176672-4	SMA-Q0207FTDT169R	MELF SMA-Q 169R 1% 50PPM 0207 1W	PRODUCTION
8-2176672-5	SMA-Q0207FTDT174R	MELF SMA-Q 174R 1% 50PPM 0207 1W	PRODUCTION
8-2176672-6	SMA-Q0207FTDT178R	MELF SMA-Q 178R 1% 50PPM 0207 1W	PRODUCTION
8-2176672-7	SMA-Q0207FTDT182R	MELF SMA-Q 182R 1% 50PPM 0207 1W	PRODUCTION
8-2176672-8	SMA-Q0207FTDT187R	MELF SMA-Q 187R 1% 50PPM 0207 1W	PRODUCTION
8-2176672-9	SMA-Q0207FTDT191R	MELF SMA-Q 191R 1% 50PPM 0207 1W	PRODUCTION
9-2176672-0	SMA-Q0207FTDT196R	MELF SMA-Q 196R 1% 50PPM 0207 1W	PRODUCTION
9-2176672-1	SMA-Q0207FTDT200R	MELF SMA-Q 200R 1% 50PPM 0207 1W	PRODUCTION
9-2176672-2	SMA-Q0207FTDT205R	MELF SMA-Q 205R 1% 50PPM 0207 1W	PRODUCTION
9-2176672-3	SMA-Q0207FTDT210R	MELF SMA-Q 210R 1% 50PPM 0207 1W	PRODUCTION
9-2176672-4	SMA-Q0207FTDT215R	MELF SMA-Q 215R 1% 50PPM 0207 1W	PRODUCTION
9-2176672-5	SMA-Q0207FTDT221R	MELF SMA-Q 221R 1% 50PPM 0207 1W	PRODUCTION
9-2176672-6	SMA-Q0207FTDT226R	MELF SMA-Q 226R 1% 50PPM 0207 1W	PRODUCTION
9-2176672-7	SMA-Q0207FTDT232R	MELF SMA-Q 232R 1% 50PPM 0207 1W	PRODUCTION
9-2176672-8	SMA-Q0207FTDT237R	MELF SMA-Q 237R 1% 50PPM 0207 1W	PRODUCTION
9-2176672-9	SMA-Q0207FTDT243R	MELF SMA-Q 243R 1% 50PPM 0207 1W	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 -							
MATERIAL -	FINISH -	APPLICATION SPEC -		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
		WEIGHT -		A 3	00779	©=2176672	-		
CUSTOMER DRAWING				SCALE	20:1	SHEET	3 OF 3	REV	BA