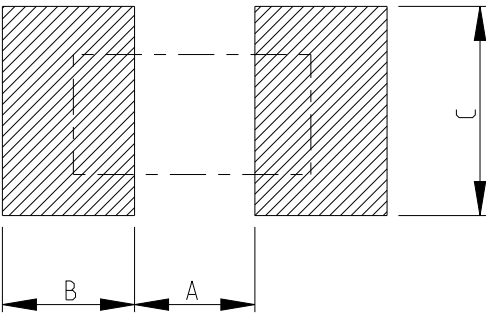


P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA	INITIAL DRAWING RELEASE	29NOV2023	DM	AP

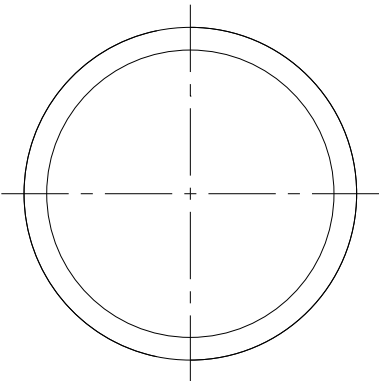
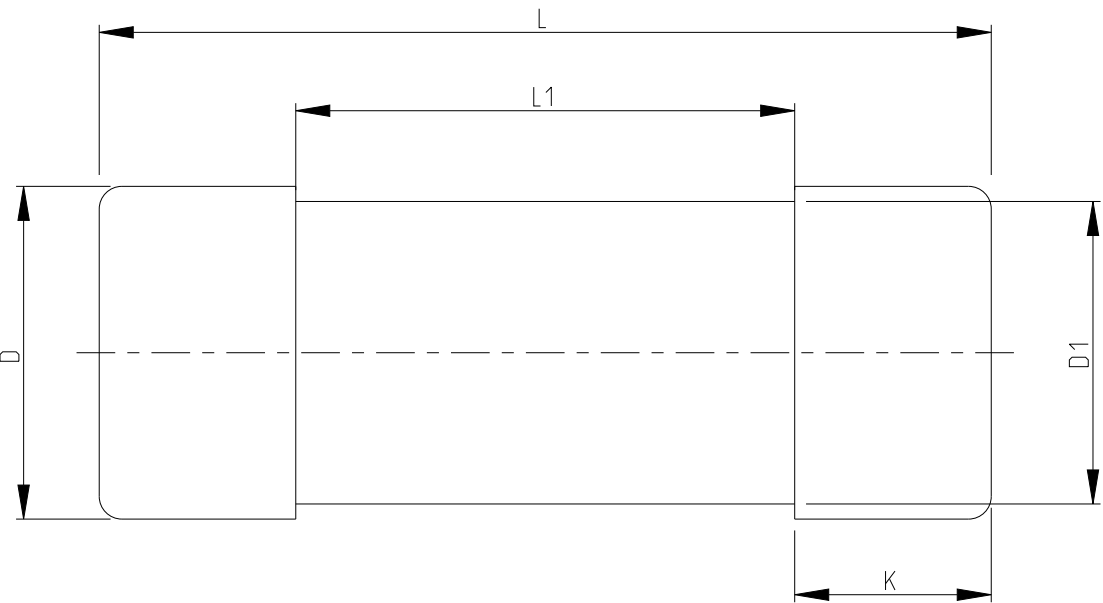
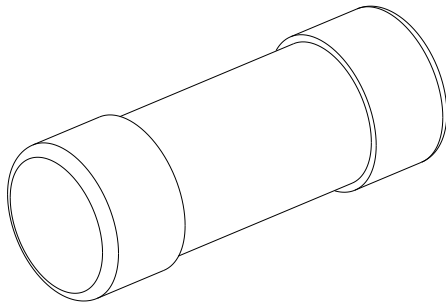
FOR FURTHER INFORMATION SEE DATA SHEET OF METAL FILM PRECISION
MELF RESISTOR AEC-Q200 QUALIFIED TYPE SMA-Q SERIES

RECOMMENDED LAND PATTERN



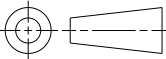
SIZE	A (mm)	B (mm)	C (mm)
SMA-Q 0207	3.0	1.7	2.4

RoHS Compliant



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

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=2176675		
		WEIGHT			
CUSTOMER DRAWING		SCALE 20:1	SHEET 1 OF 3		REV BA

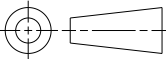
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm			
		0 PLC	±0.2
		1 PLC	±0.1
		2 PLC	±-
		3 PLC	±-
		4 PLC	±-
MATERIAL		ANGLES	±5°
		FINISH	

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176675-1	SMA-Q0207FTDT28K7	MELF SMA-Q 28K7 1% 50PPM 0207 1W	PRODUCTION
2176675-2	SMA-Q0207FTDT29K4	MELF SMA-Q 29K4 1% 50PPM 0207 1W	PRODUCTION
2176675-3	SMA-Q0207FTDT30K1	MELF SMA-Q 30K1 1% 50PPM 0207 1W	PRODUCTION
2176675-4	SMA-Q0207FTDT30K9	MELF SMA-Q 30K9 1% 50PPM 0207 1W	PRODUCTION
2176675-5	SMA-Q0207FTDT31K6	MELF SMA-Q 31K6 1% 50PPM 0207 1W	PRODUCTION
2176675-6	SMA-Q0207FTDT32K4	MELF SMA-Q 32K4 1% 50PPM 0207 1W	PRODUCTION
2176675-7	SMA-Q0207FTDT33K2	MELF SMA-Q 33K2 1% 50PPM 0207 1W	PRODUCTION
2176675-8	SMA-Q0207FTDT34K	MELF SMA-Q 34K 1% 50PPM 0207 1W	PRODUCTION
2176675-9	SMA-Q0207FTDT34K8	MELF SMA-Q 34K8 1% 50PPM 0207 1W	PRODUCTION
1-2176675-0	SMA-Q0207FTDT35K7	MELF SMA-Q 35K7 1% 50PPM 0207 1W	PRODUCTION
1-2176675-1	SMA-Q0207FTDT36K5	MELF SMA-Q 36K5 1% 50PPM 0207 1W	PRODUCTION
1-2176675-2	SMA-Q0207FTDT37K4	MELF SMA-Q 37K4 1% 50PPM 0207 1W	PRODUCTION
1-2176675-3	SMA-Q0207FTDT38K3	MELF SMA-Q 38K3 1% 50PPM 0207 1W	PRODUCTION
1-2176675-4	SMA-Q0207FTDT39K2	MELF SMA-Q 39K2 1% 50PPM 0207 1W	PRODUCTION
1-2176675-5	SMA-Q0207FTDT40K2	MELF SMA-Q 40K2 1% 50PPM 0207 1W	PRODUCTION
1-2176675-6	SMA-Q0207FTDT41K2	MELF SMA-Q 41K2 1% 50PPM 0207 1W	PRODUCTION
1-2176675-7	SMA-Q0207FTDT42K2	MELF SMA-Q 42K2 1% 50PPM 0207 1W	PRODUCTION
1-2176675-8	SMA-Q0207FTDT43K2	MELF SMA-Q 43K2 1% 50PPM 0207 1W	PRODUCTION
1-2176675-9	SMA-Q0207FTDT44K2	MELF SMA-Q 44K2 1% 50PPM 0207 1W	PRODUCTION
2-2176675-0	SMA-Q0207FTDT45K3	MELF SMA-Q 45K3 1% 50PPM 0207 1W	PRODUCTION
2-2176675-1	SMA-Q0207FTDT46K4	MELF SMA-Q 46K4 1% 50PPM 0207 1W	PRODUCTION
2-2176675-2	SMA-Q0207FTDT47K5	MELF SMA-Q 47K5 1% 50PPM 0207 1W	PRODUCTION
2-2176675-3	SMA-Q0207FTDT48K7	MELF SMA-Q 48K7 1% 50PPM 0207 1W	PRODUCTION
2-2176675-4	SMA-Q0207FTDT49K9	MELF SMA-Q 49K9 1% 50PPM 0207 1W	PRODUCTION
2-2176675-5	SMA-Q0207FTDT51K1	MELF SMA-Q 51K1 1% 50PPM 0207 1W	PRODUCTION
2-2176675-6	SMA-Q0207FTDT52K3	MELF SMA-Q 52K3 1% 50PPM 0207 1W	PRODUCTION
2-2176675-7	SMA-Q0207FTDT53K6	MELF SMA-Q 53K6 1% 50PPM 0207 1W	PRODUCTION
2-2176675-8	SMA-Q0207FTDT54K9	MELF SMA-Q 54K9 1% 50PPM 0207 1W	PRODUCTION
2-2176675-9	SMA-Q0207FTDT56K2	MELF SMA-Q 56K2 1% 50PPM 0207 1W	PRODUCTION
3-2176675-0	SMA-Q0207FTDT57K6	MELF SMA-Q 57K6 1% 50PPM 0207 1W	PRODUCTION
3-2176675-1	SMA-Q0207FTDT59K	MELF SMA-Q 59K 1% 50PPM 0207 1W	PRODUCTION
3-2176675-2	SMA-Q0207FTDT60K4	MELF SMA-Q 60K4 1% 50PPM 0207 1W	PRODUCTION
3-2176675-3	SMA-Q0207FTDT61K9	MELF SMA-Q 61K9 1% 50PPM 0207 1W	PRODUCTION

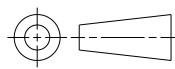
SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176675-4	SMA-Q0207FTDT63K4	MELF SMA-Q 63K4 1% 50PPM 0207 1W	PRODUCTION
3-2176675-5	SMA-Q0207FTDT64K9	MELF SMA-Q 64K9 1% 50PPM 0207 1W	PRODUCTION
3-2176675-6	SMA-Q0207FTDT66K5	MELF SMA-Q 66K5 1% 50PPM 0207 1W	PRODUCTION
3-2176675-7	SMA-Q0207FTDT68K1	MELF SMA-Q 68K1 1% 50PPM 0207 1W	PRODUCTION
3-2176675-8	SMA-Q0207FTDT69K8	MELF SMA-Q 69K8 1% 50PPM 0207 1W	PRODUCTION
3-2176675-9	SMA-Q0207FTDT71K5	MELF SMA-Q 71K5 1% 50PPM 0207 1W	PRODUCTION
4-2176675-0	SMA-Q0207FTDT73K2	MELF SMA-Q 73K2 1% 50PPM 0207 1W	PRODUCTION
4-2176675-1	SMA-Q0207FTDT75K	MELF SMA-Q 75K 1% 50PPM 0207 1W	PRODUCTION
4-2176675-2	SMA-Q0207FTDT76K8	MELF SMA-Q 76K8 1% 50PPM 0207 1W	PRODUCTION
4-2176675-3	SMA-Q0207FTDT78K7	MELF SMA-Q 78K7 1% 50PPM 0207 1W	PRODUCTION
4-2176675-4	SMA-Q0207FTDT80K6	MELF SMA-Q 80K6 1% 50PPM 0207 1W	PRODUCTION
4-2176675-5	SMA-Q0207FTDT82K5	MELF SMA-Q 82K5 1% 50PPM 0207 1W	PRODUCTION
4-2176675-6	SMA-Q0207FTDT84K5	MELF SMA-Q 84K5 1% 50PPM 0207 1W	PRODUCTION
4-2176675-7	SMA-Q0207FTDT86K6	MELF SMA-Q 86K6 1% 50PPM 0207 1W	PRODUCTION
4-2176675-8	SMA-Q0207FTDT88K7	MELF SMA-Q 88K7 1% 50PPM 0207 1W	PRODUCTION
4-2176675-9	SMA-Q0207FTDT90K9	MELF SMA-Q 90K9 1% 50PPM 0207 1W	PRODUCTION
5-2176675-0	SMA-Q0207FTDT93K1	MELF SMA-Q 93K1 1% 50PPM 0207 1W	PRODUCTION
5-2176675-1	SMA-Q0207FTDT95K3	MELF SMA-Q 95K3 1% 50PPM 0207 1W	PRODUCTION
5-2176675-2	SMA-Q0207FTDT97K6	MELF SMA-Q 97K6 1% 50PPM 0207 1W	PRODUCTION
5-2176675-3	SMA-Q0207FTDT100K	MELF SMA-Q 100K 1% 50PPM 0207 1W	PRODUCTION
5-2176675-4	SMA-Q0207FTDT102K	MELF SMA-Q 102K 1% 50PPM 0207 1W	PRODUCTION
5-2176675-5	SMA-Q0207FTDT105K	MELF SMA-Q 105K 1% 50PPM 0207 1W	PRODUCTION
5-2176675-6	SMA-Q0207FTDT107K	MELF SMA-Q 107K 1% 50PPM 0207 1W	PRODUCTION
5-2176675-7	SMA-Q0207FTDT110K	MELF SMA-Q 110K 1% 50PPM 0207 1W	PRODUCTION
5-2176675-8	SMA-Q0207FTDT113K	MELF SMA-Q 113K 1% 50PPM 0207 1W	PRODUCTION
5-2176675-9	SMA-Q0207FTDT115K	MELF SMA-Q 115K 1% 50PPM 0207 1W	PRODUCTION
6-2176675-0	SMA-Q0207FTDT118K	MELF SMA-Q 118K 1% 50PPM 0207 1W	PRODUCTION
6-2176675-1	SMA-Q0207FTDT121K	MELF SMA-Q 121K 1% 50PPM 0207 1W	PRODUCTION
6-2176675-2	SMA-Q0207FTDT124K	MELF SMA-Q 124K 1% 50PPM 0207 1W	PRODUCTION
6-2176675-3	SMA-Q0207FTDT127K	MELF SMA-Q 127K 1% 50PPM 0207 1W	PRODUCTION
6-2176675-4	SMA-Q0207FTDT130K	MELF SMA-Q 130K 1% 50PPM 0207 1W	PRODUCTION
6-2176675-5	SMA-Q0207FTDT133K	MELF SMA-Q 133K 1% 50PPM 0207 1W	PRODUCTION
6-2176675-6	SMA-Q0207FTDT137K	MELF SMA-Q 137K 1% 50PPM 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:		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 ±- 45°	APVD ALLAN P		29NOV2023		PRODUCT SPEC
MATERIAL	-	-		APPLICATION SPEC		-	
		-		WEIGHT		-	
-		-		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
6-2176675-7	SMA-Q0207FTDT140K	MELF SMA-Q 140K 1% 50PPM 0207 1W	PRODUCTION
6-2176675-8	SMA-Q0207FTDT143K	MELF SMA-Q 143K 1% 50PPM 0207 1W	PRODUCTION
6-2176675-9	SMA-Q0207FTDT147K	MELF SMA-Q 147K 1% 50PPM 0207 1W	PRODUCTION
7-2176675-0	SMA-Q0207FTDT150K	MELF SMA-Q 150K 1% 50PPM 0207 1W	PRODUCTION
7-2176675-1	SMA-Q0207FTDT154K	MELF SMA-Q 154K 1% 50PPM 0207 1W	PRODUCTION
7-2176675-2	SMA-Q0207FTDT158K	MELF SMA-Q 158K 1% 50PPM 0207 1W	PRODUCTION
7-2176675-3	SMA-Q0207FTDT162K	MELF SMA-Q 162K 1% 50PPM 0207 1W	PRODUCTION
7-2176675-4	SMA-Q0207FTDT165K	MELF SMA-Q 165K 1% 50PPM 0207 1W	PRODUCTION
7-2176675-5	SMA-Q0207FTDT169K	MELF SMA-Q 169K 1% 50PPM 0207 1W	PRODUCTION
7-2176675-6	SMA-Q0207FTDT174K	MELF SMA-Q 174K 1% 50PPM 0207 1W	PRODUCTION
7-2176675-7	SMA-Q0207FTDT178K	MELF SMA-Q 178K 1% 50PPM 0207 1W	PRODUCTION
7-2176675-8	SMA-Q0207FTDT182K	MELF SMA-Q 182K 1% 50PPM 0207 1W	PRODUCTION
7-2176675-9	SMA-Q0207FTDT187K	MELF SMA-Q 187K 1% 50PPM 0207 1W	PRODUCTION
8-2176675-0	SMA-Q0207FTDT191K	MELF SMA-Q 191K 1% 50PPM 0207 1W	PRODUCTION
8-2176675-1	SMA-Q0207FTDT196K	MELF SMA-Q 196K 1% 50PPM 0207 1W	PRODUCTION
8-2176675-2	SMA-Q0207FTDT200K	MELF SMA-Q 200K 1% 50PPM 0207 1W	PRODUCTION
8-2176675-3	SMA-Q0207FTDT205K	MELF SMA-Q 205K 1% 50PPM 0207 1W	PRODUCTION
8-2176675-4	SMA-Q0207FTDT210K	MELF SMA-Q 210K 1% 50PPM 0207 1W	PRODUCTION
8-2176675-5	SMA-Q0207FTDT215K	MELF SMA-Q 215K 1% 50PPM 0207 1W	PRODUCTION
8-2176675-6	SMA-Q0207FTDT221K	MELF SMA-Q 221K 1% 50PPM 0207 1W	PRODUCTION
8-2176675-7	SMA-Q0207FTDT226K	MELF SMA-Q 226K 1% 50PPM 0207 1W	PRODUCTION
8-2176675-8	SMA-Q0207FTDT232K	MELF SMA-Q 232K 1% 50PPM 0207 1W	PRODUCTION
8-2176675-9	SMA-Q0207FTDT237K	MELF SMA-Q 237K 1% 50PPM 0207 1W	PRODUCTION
9-2176675-0	SMA-Q0207FTDT243K	MELF SMA-Q 243K 1% 50PPM 0207 1W	PRODUCTION
9-2176675-1	SMA-Q0207FTDT249K	MELF SMA-Q 249K 1% 50PPM 0207 1W	PRODUCTION
9-2176675-2	SMA-Q0207FTDT255K	MELF SMA-Q 255K 1% 50PPM 0207 1W	PRODUCTION
9-2176675-3	SMA-Q0207FTDT261K	MELF SMA-Q 261K 1% 50PPM 0207 1W	PRODUCTION
9-2176675-4	SMA-Q0207FTDT267K	MELF SMA-Q 267K 1% 50PPM 0207 1W	PRODUCTION
9-2176675-5	SMA-Q0207FTDT274K	MELF SMA-Q 274K 1% 50PPM 0207 1W	PRODUCTION
9-2176675-6	SMA-Q0207FTDT280K	MELF SMA-Q 280K 1% 50PPM 0207 1W	PRODUCTION
9-2176675-7	SMA-Q0207FTDT287K	MELF SMA-Q 287K 1% 50PPM 0207 1W	PRODUCTION
9-2176675-8	SMA-Q0207FTDT294K	MELF SMA-Q 294K 1% 50PPM 0207 1W	PRODUCTION
9-2176675-9	SMA-Q0207FTDT301K	MELF SMA-Q 301K 1% 50PPM 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: 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 -	WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2176675	RESTRICTED TO -		
-		-	CUSTOMER DRAWING				SCALE 20:1	SHEET 3 OF 3	REV BA