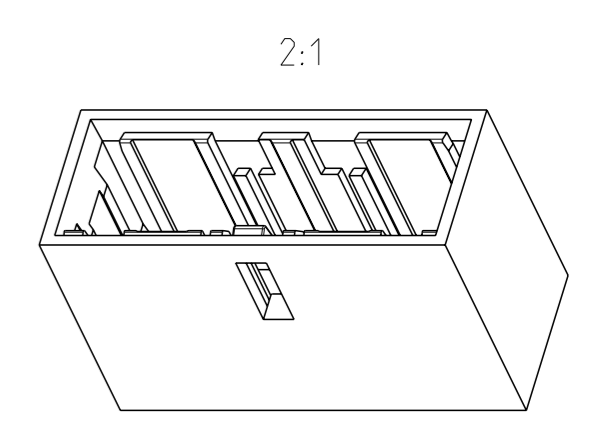


MEASURE/N.POS	8 POS	12 POS	16 POS	18 POS	20 POS	24 POS	32 POS
A	11.75	15.35	18.95	22.55	22.55	26.15	33.35
B	4.5	6.3	8.1	9.9	9.9	11.7	15.3
C	5	7	9	11	11	13	17
D	9.0	12.6	16.2	19.8	19.8	23.4	30.6
E	For stand off See sheet 2	8	13.2	16.0	16.0	18.6	25.8
F	9.75	13.25	16.85	20.45	20.45	24.05	31.25
G	1.85	2.05	2.25	2.45	2.45	2.65	3.05
H	12.35	15.95	19.55	23.15	23.15	26.75	33.95
I	not valid	12.65	16.25	19.85	19.85	23.45	30.65
P/N GENERIC INTERFACE	114-20160-40	114-20160-60	114-20160-70	114-20160-80	114-20160-90	114-20160-110	114-20160-150
RELATIVE COUNTERPART	REFER TO NANO MQS PLUG CONNECTOR FAMILY DRAWING P/N 2141576						

- NOTES
Bemerkungen:
- INTERFACE DRAWING SUITABLE FOR 8-12-16-18-20-24-32 POS
 - CHARACTERS ACCORDING TO DIN 1451. HEIGHT 1.0 mm RECESSED IN 0.1±0.2mm RAISED FIELD OR 0.2mm RAISED IN 0.1mm RECESSED FIELD. PER SUPPLIERS OPTION
 - ALL RADII R=0.1 mm EXCEPT AS NOTED
 - STAND OFF
 - FOR PIN GEOMETRY AND MATERIAL REFER TO TE SPEC. 114-94000-2. SURFACE PIN PLATING MUST BE SELECTED ACCORDING TO COUNTERPART PLATING
 - OPTIONAL VERSION WITH ALL WINDOW OPENED UNDER THE NOSE OR HOLE ON THE BOTTOM SEE PAGE 2
 - CUTTING FEATURE PRESENT ON 16+32 POS ONLY
 - DIMENSION NOT VALID FOR 8 POS
 - REFER TO SHEET 3 FOR GEOMETRY SURFACE TOLERANCE AND MESUREMENT POINTS
 - FEATURE NOT VALID FOR 8 TO 18 POS

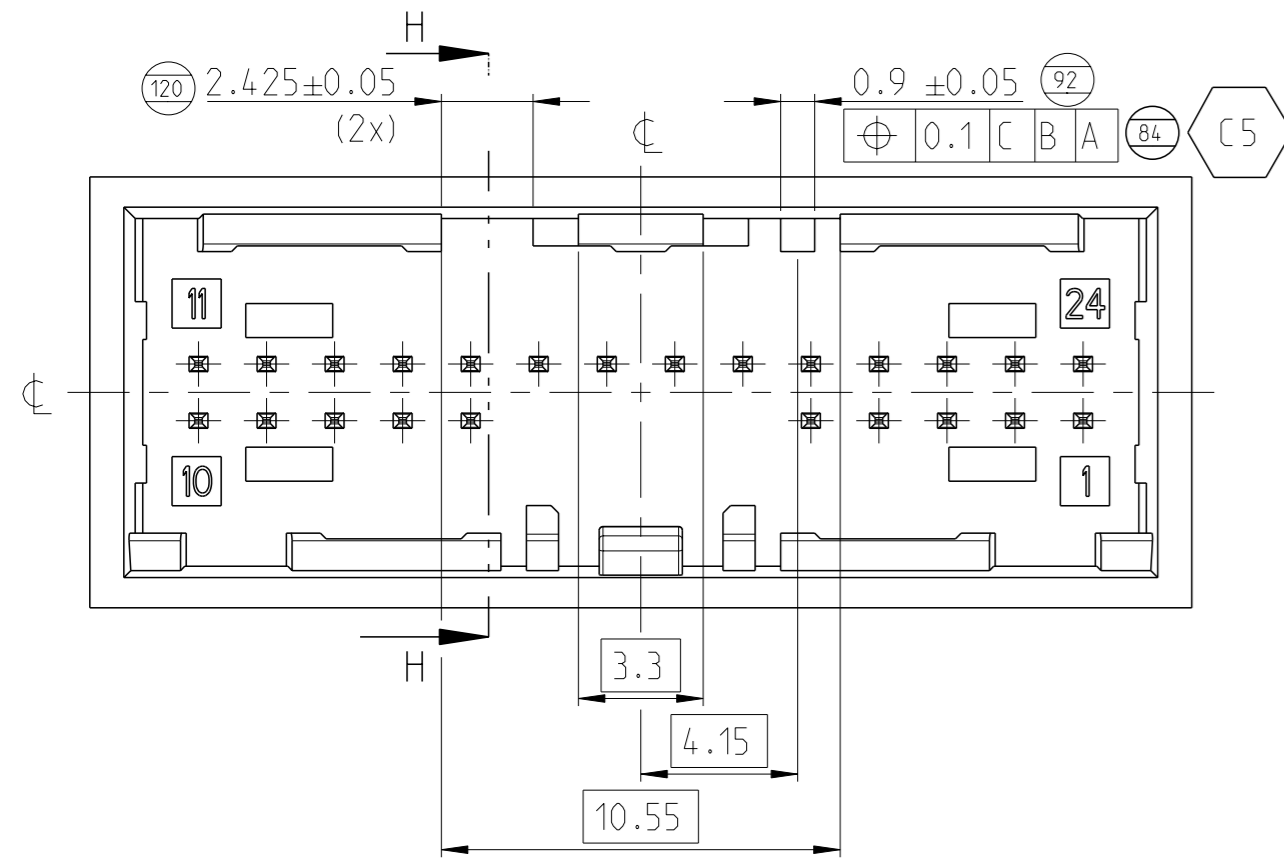


INTERFACE P/N 114-20160-X AS SHOWN

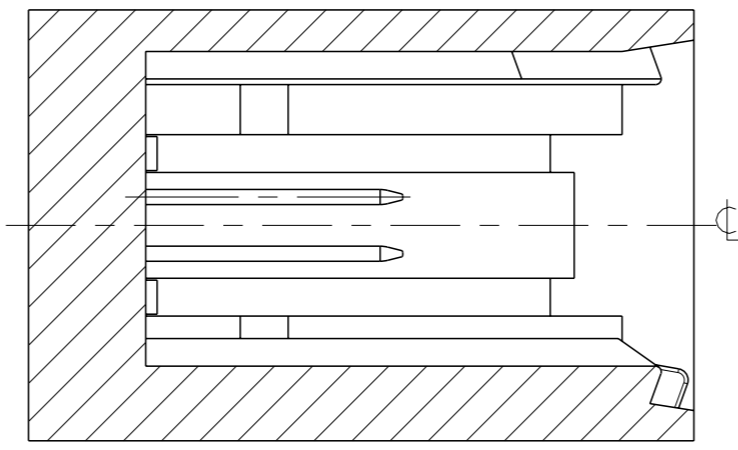
DWN	M. Homolka	11APR2018	MATERIAL	-	HEAT TREAT	-
CHK	C. Beck	12APR2018				
APVD						TE Connectivity
NAME: INTERFACE DRAWING FOR NANO MQS LS LINE - PLASTIC LATCH						
SCALE	2:1	SIZE	A1	DRAWING NO	114-20160	SHEET 1 OF 3
REV	C5					

CODINGS DETAIL 12 = 32 POS C5

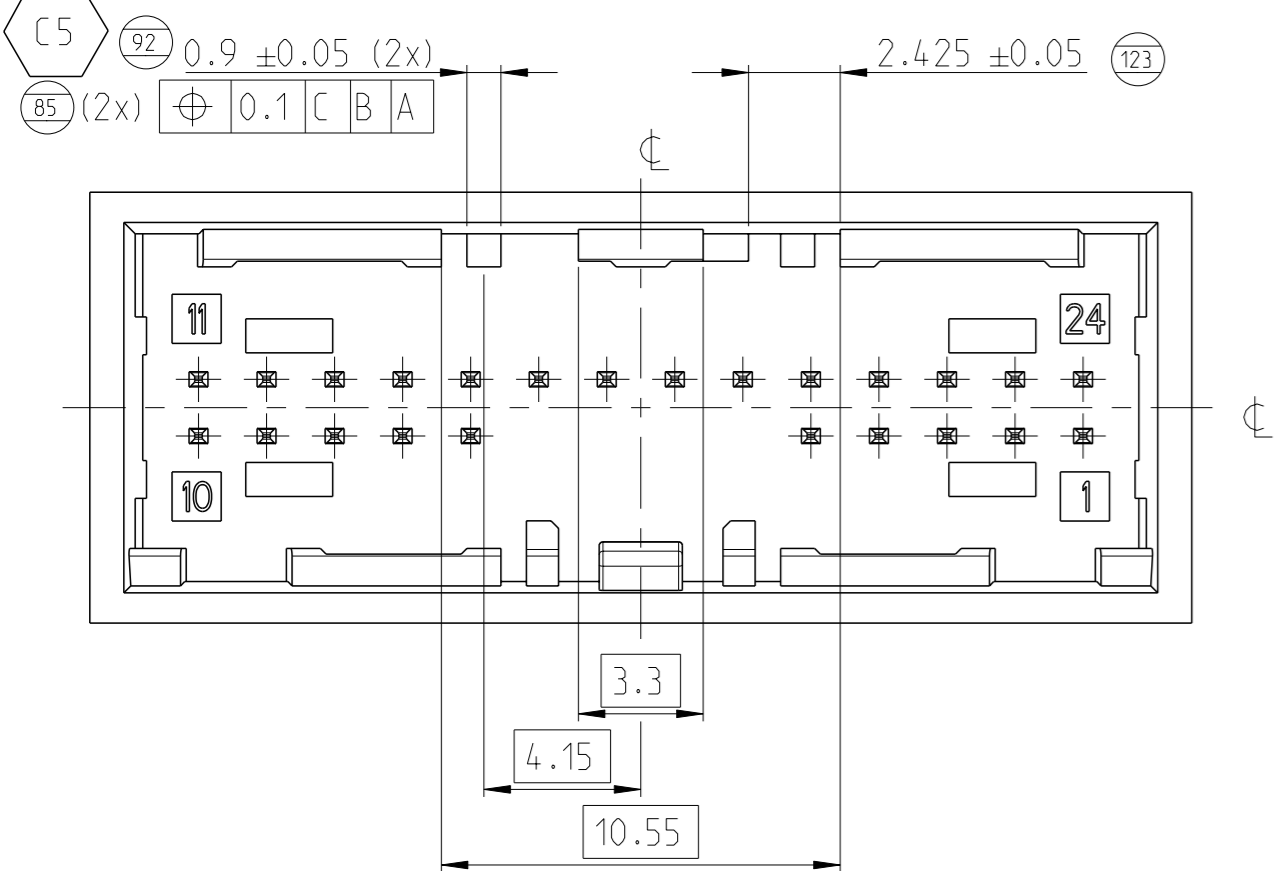
CODING A
114-20160-X1



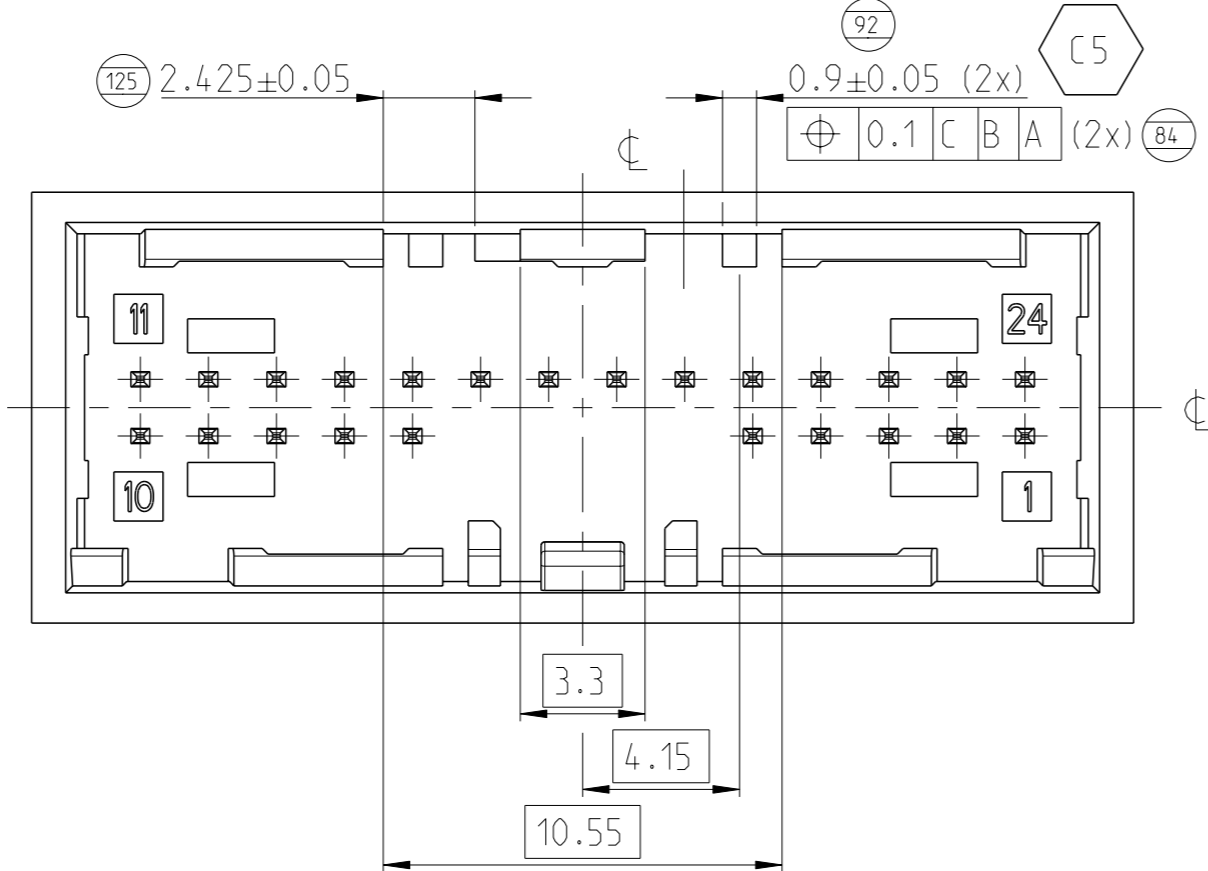
SECTION H-H



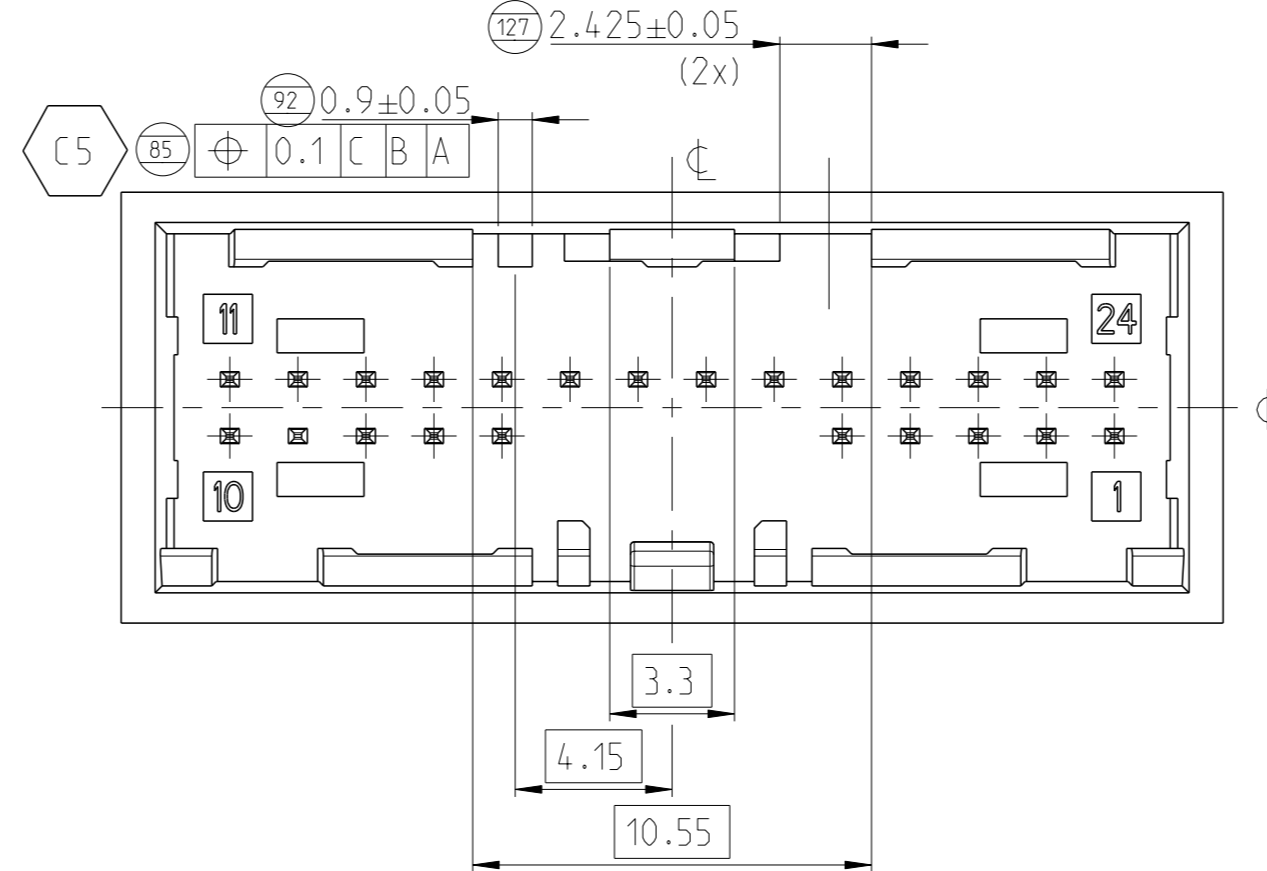
CODING B
114-20160-X2



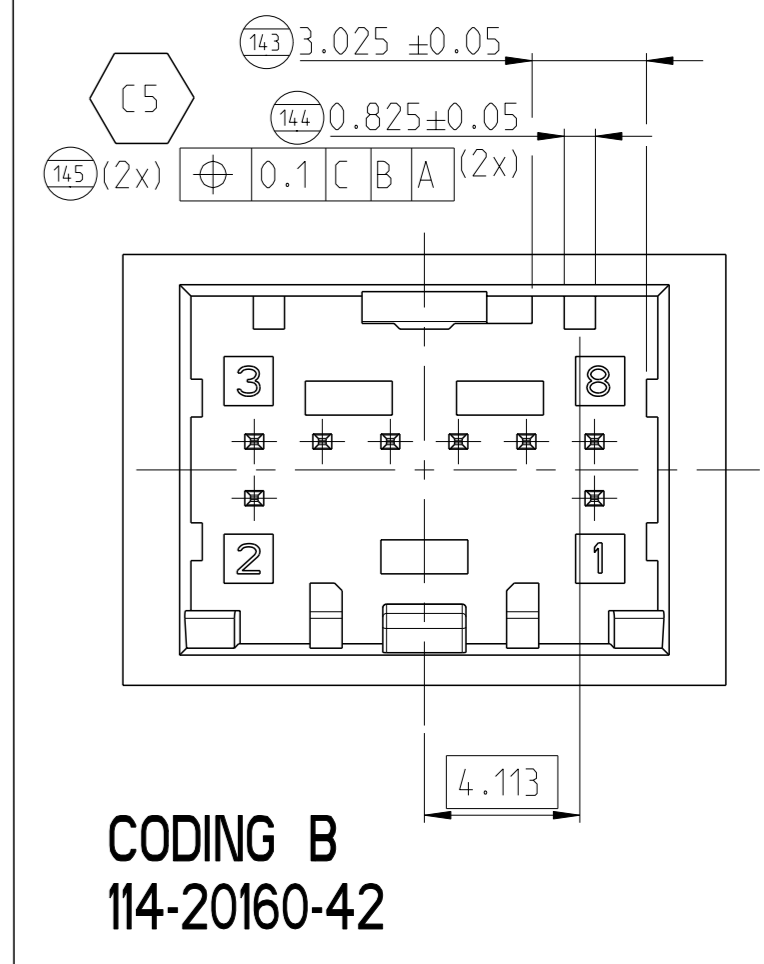
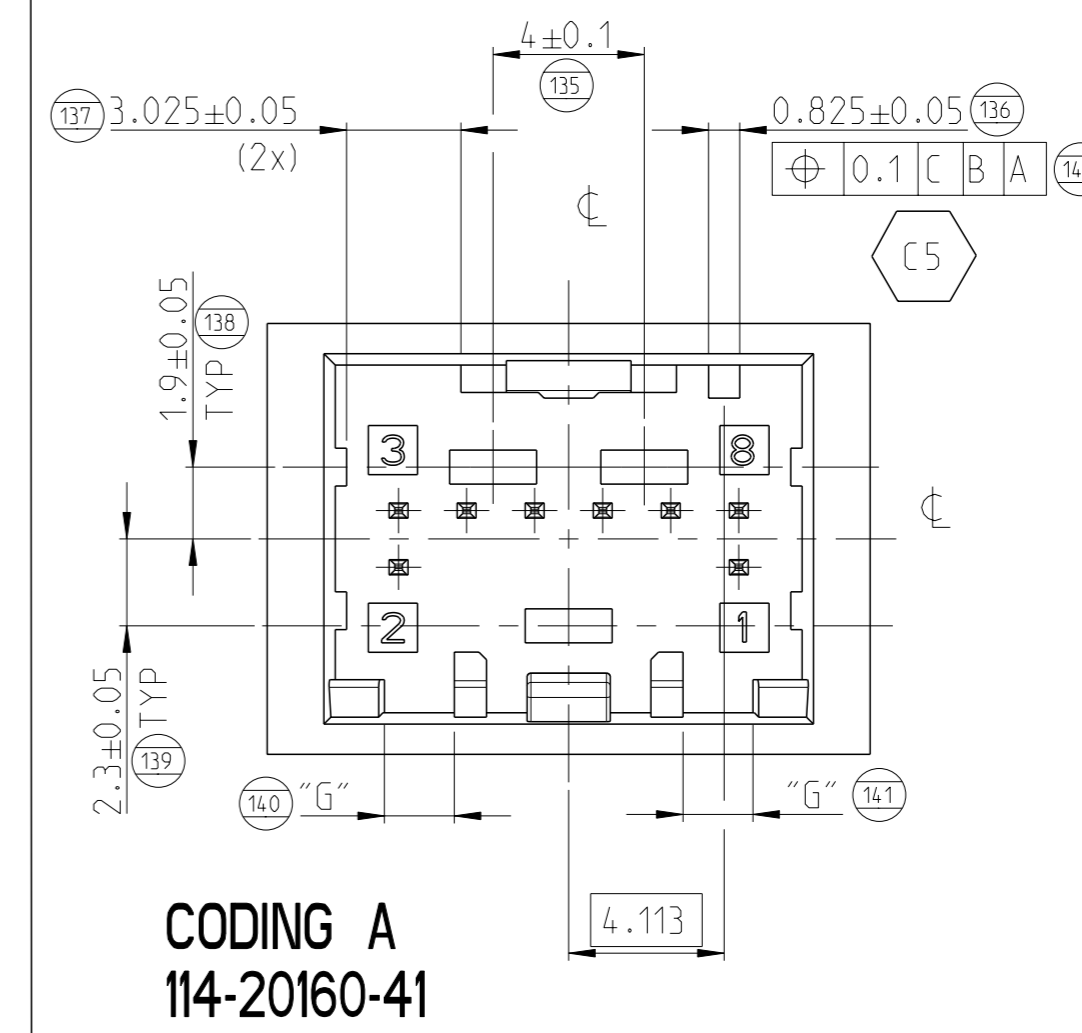
CODING C
114-20160-X3



CODING D
114-20160-X4

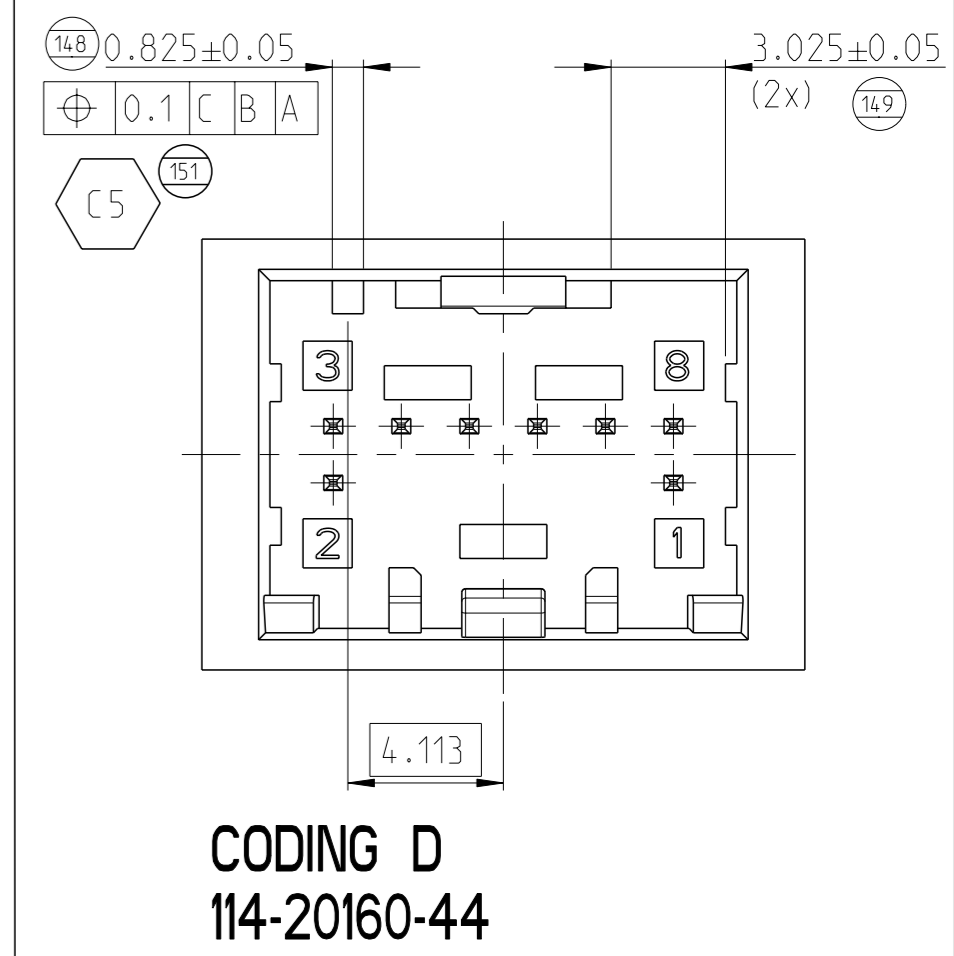
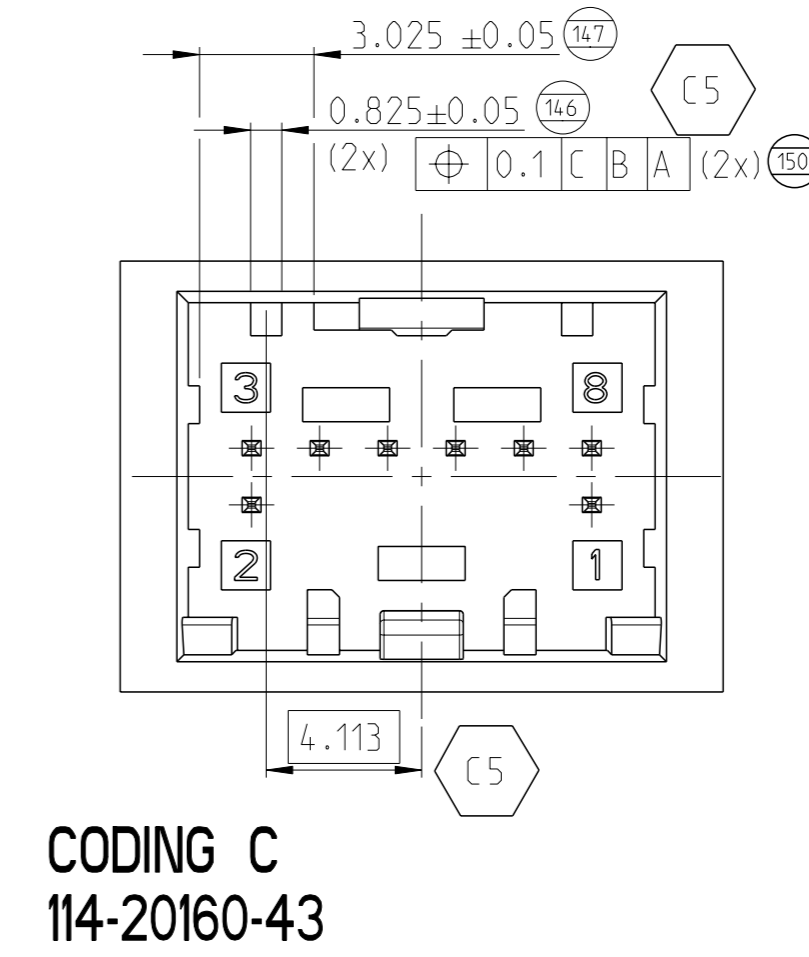


DIFFERENT VERSION
8 POS / 114-20160-40



CODING A
114-20160-41

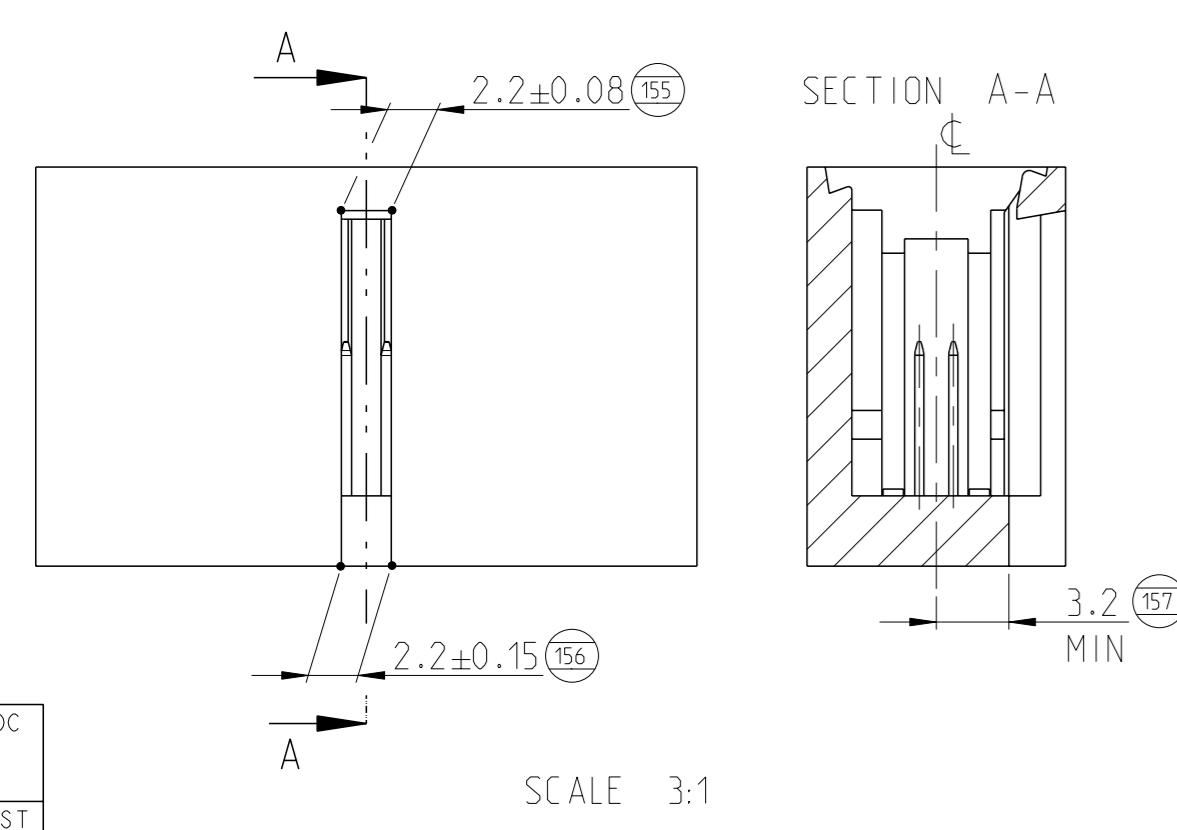
CODING B
114-20160-42



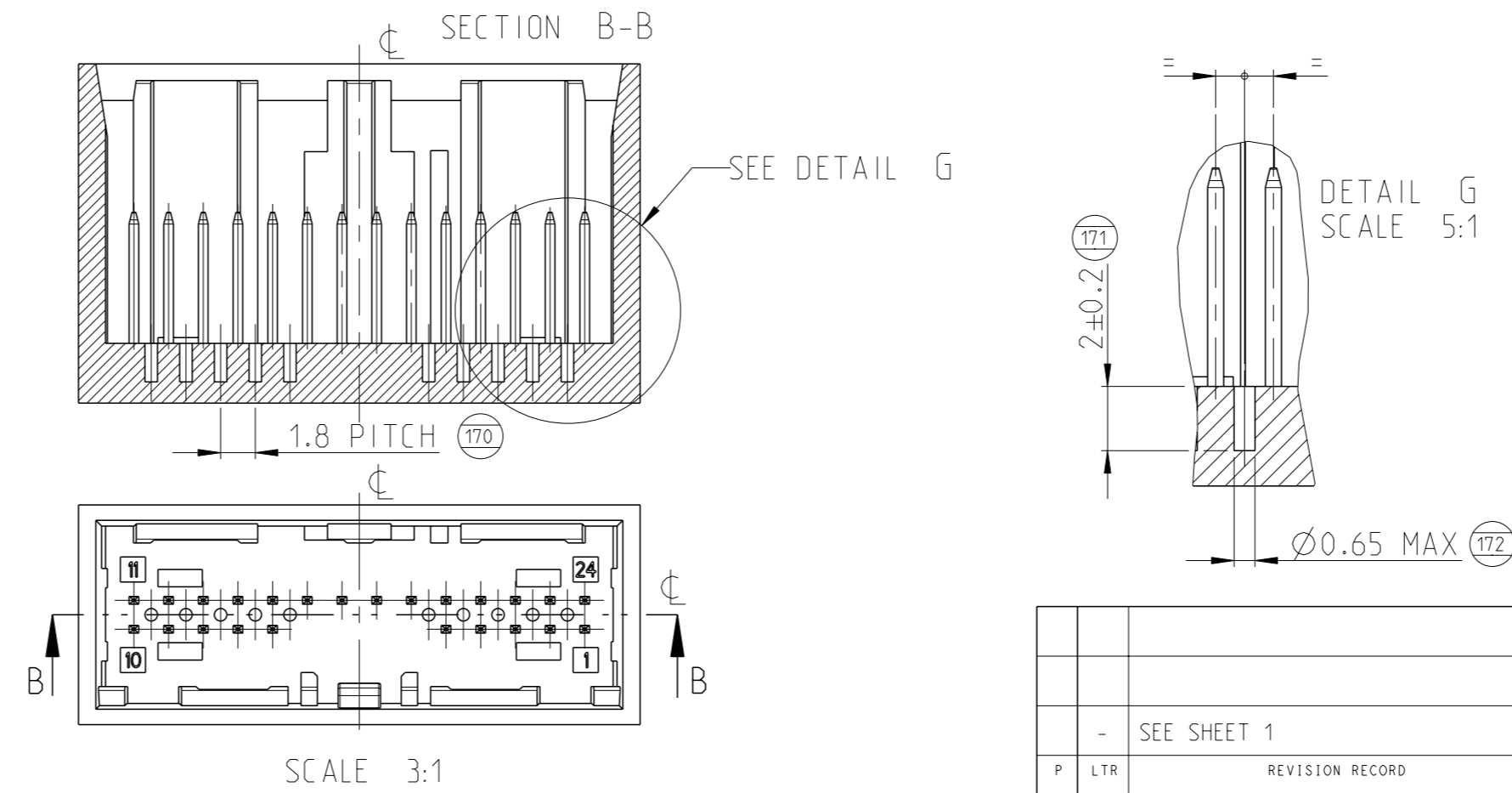
CODING C
114-20160-43

CODING D
114-20160-44

OPTIONAL GEOMETRY CONSTRUCTION OF LOCKING AREA



OPT CENTERING HOLE FOR MANUFACTURING PROCESS



FOR ANY MISSING DIMENSIONS, REFER TO SHEET 1

DRN	11APR2018	MATERIAL	-	HEAT TREAT	-
CHK	12APR2018				
APVD					
NAME		INTERFACE DRAWING FOR NANO MQS LS LINE - PLASTIC LATCH			
SCALE	SIZE	DRAWING NO	SHEET	OF	REV
2:1	A1	114-20160	2	3	C5

THIS DRAWING IS A CONTROLLED DOCUMENT
printed on 11 Nov 2022 13:53 (M)Heterop from TE220442

LOC
DIST

DATUMS PLANE LOCATION / MEASUREMENTS POINTS / SURFACES FORM TOLERANCE

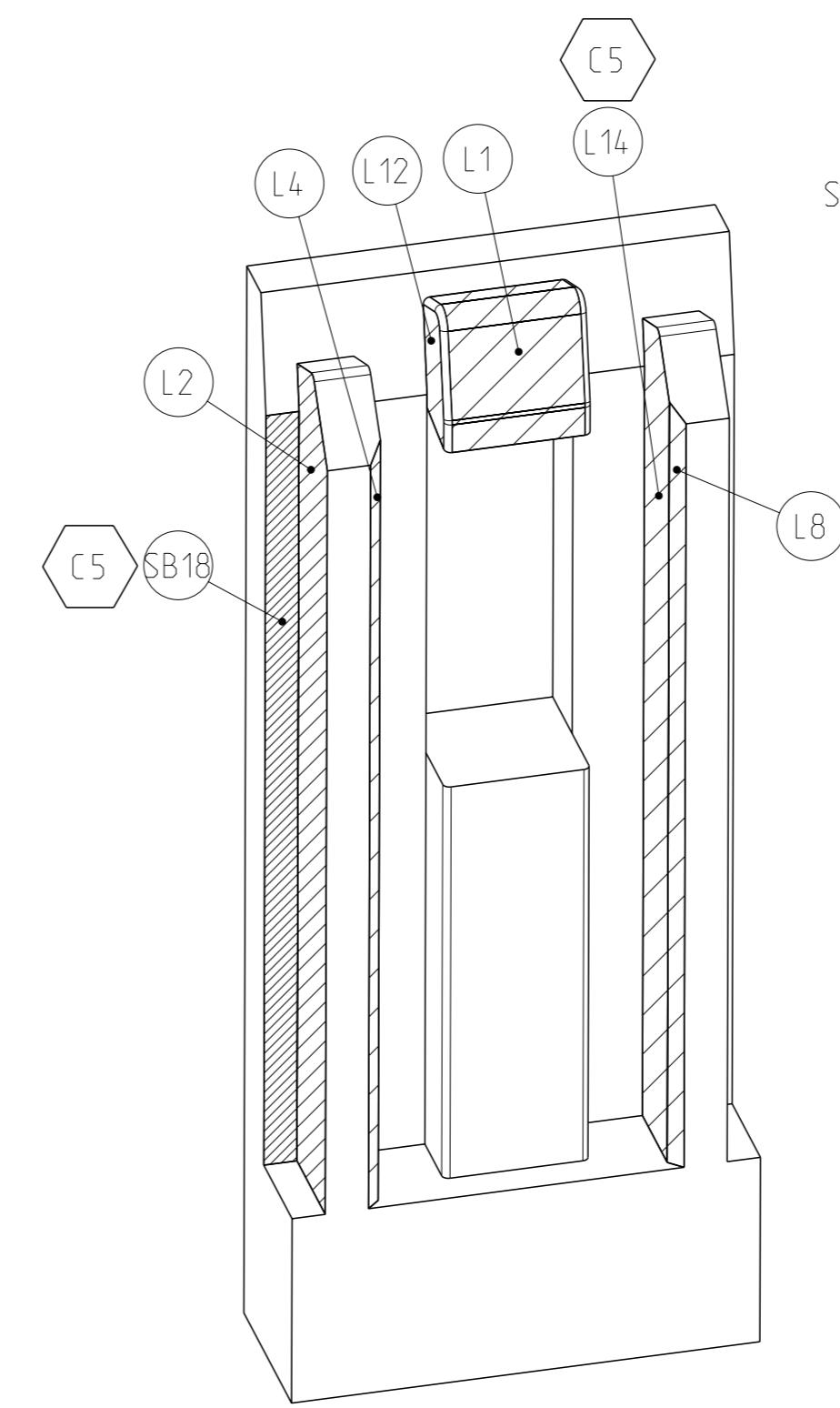
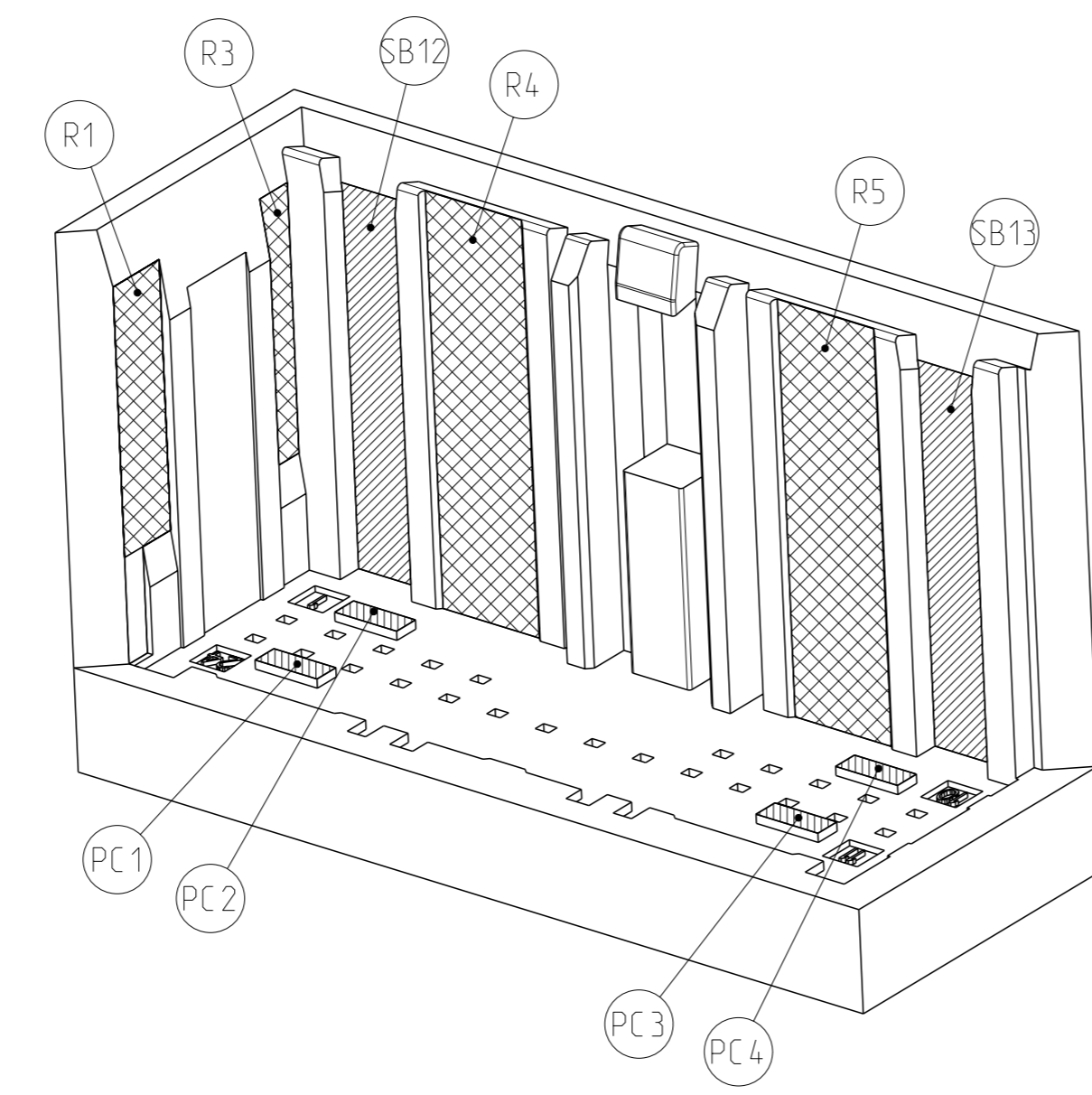
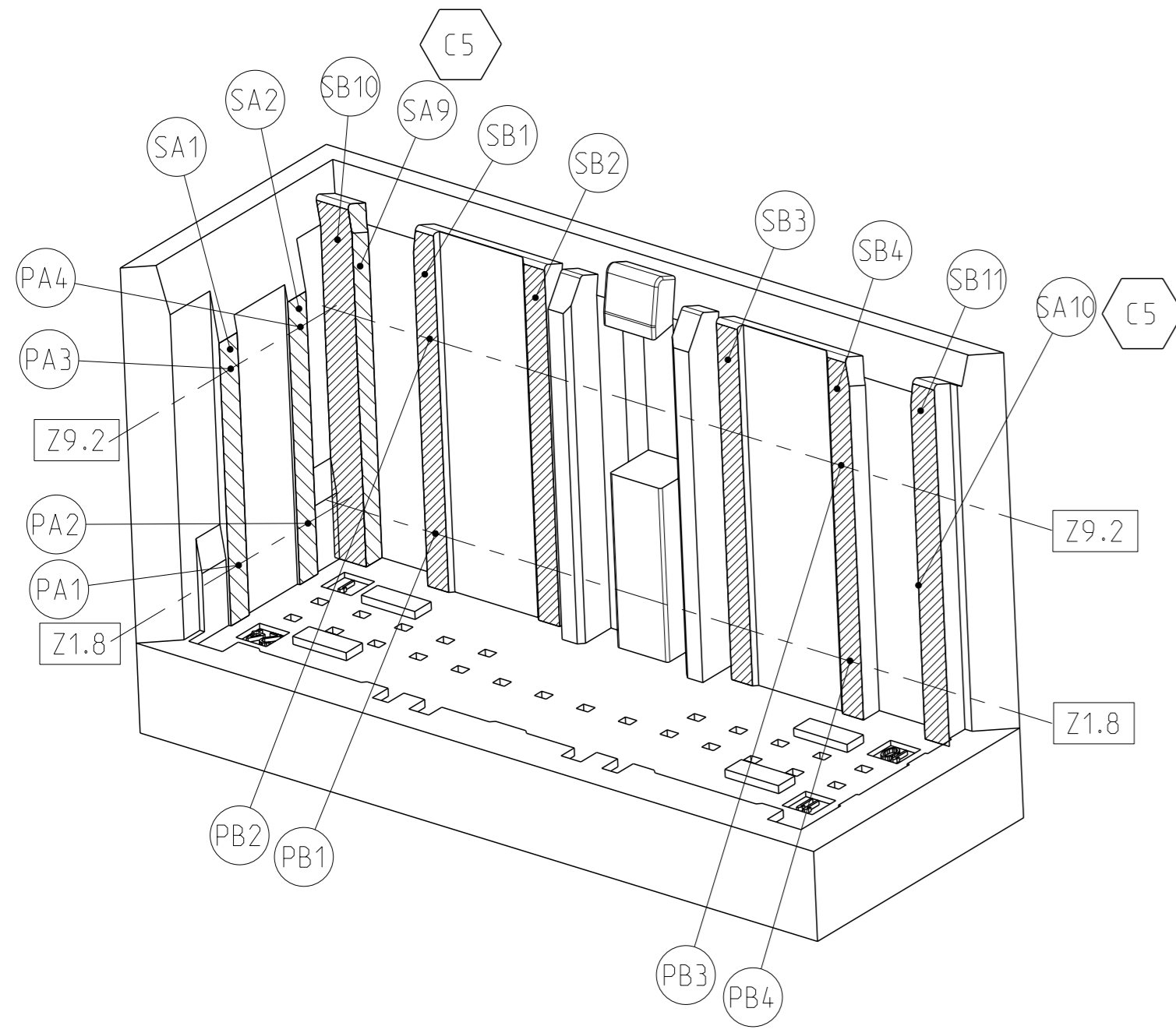
USED ON

114-20160

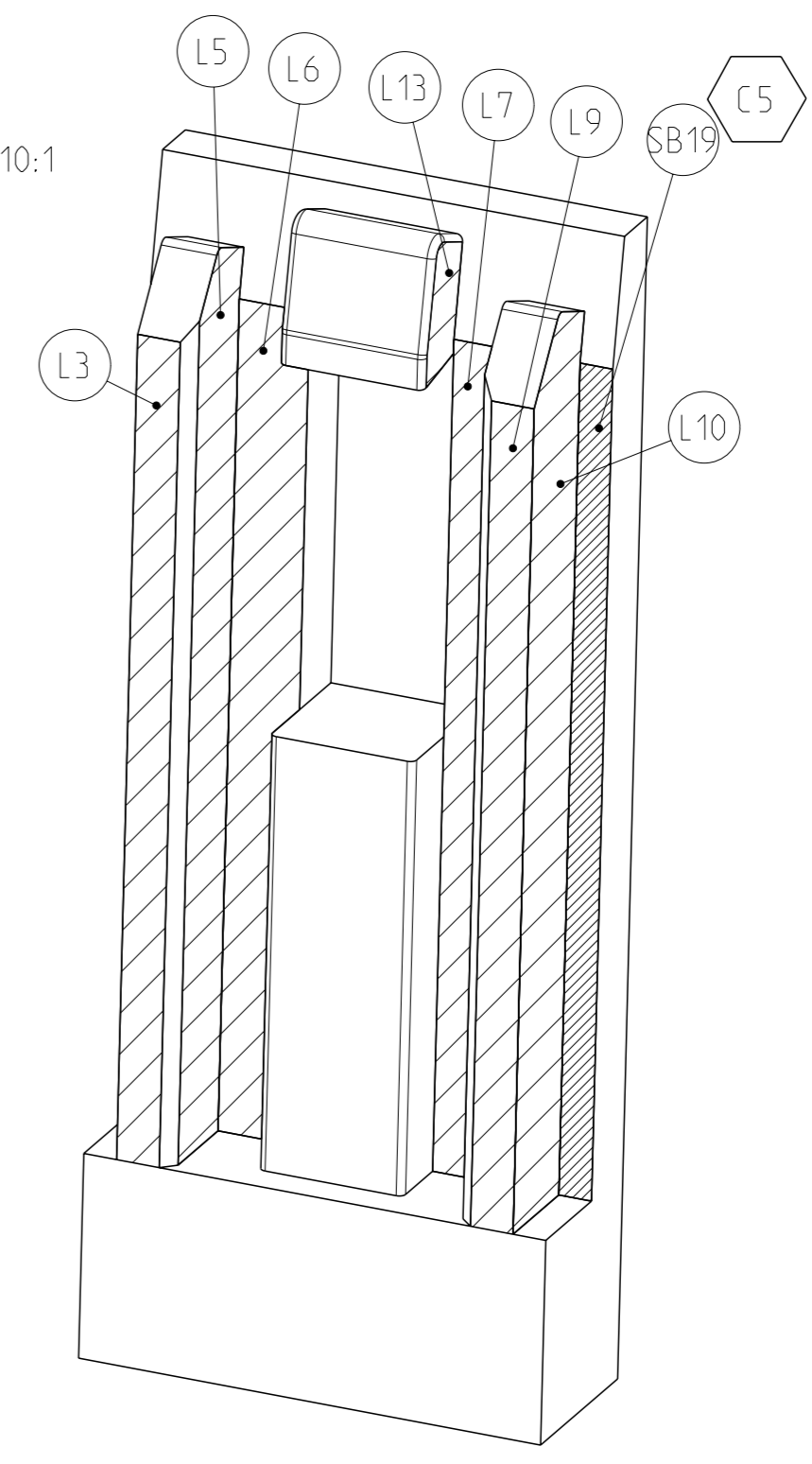
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printed on 11 Nov 2022 13:53 (M)Heterop from TE220442

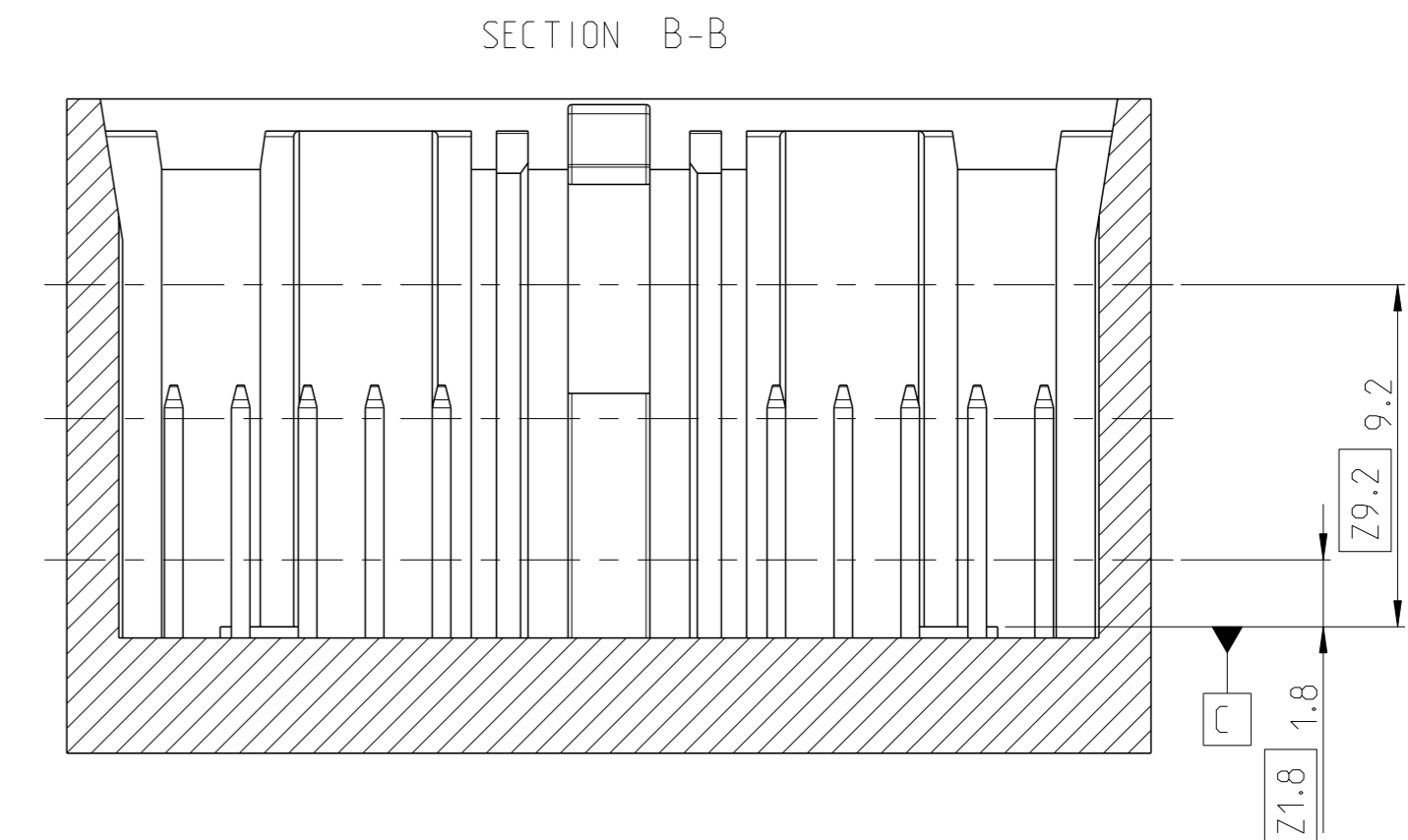
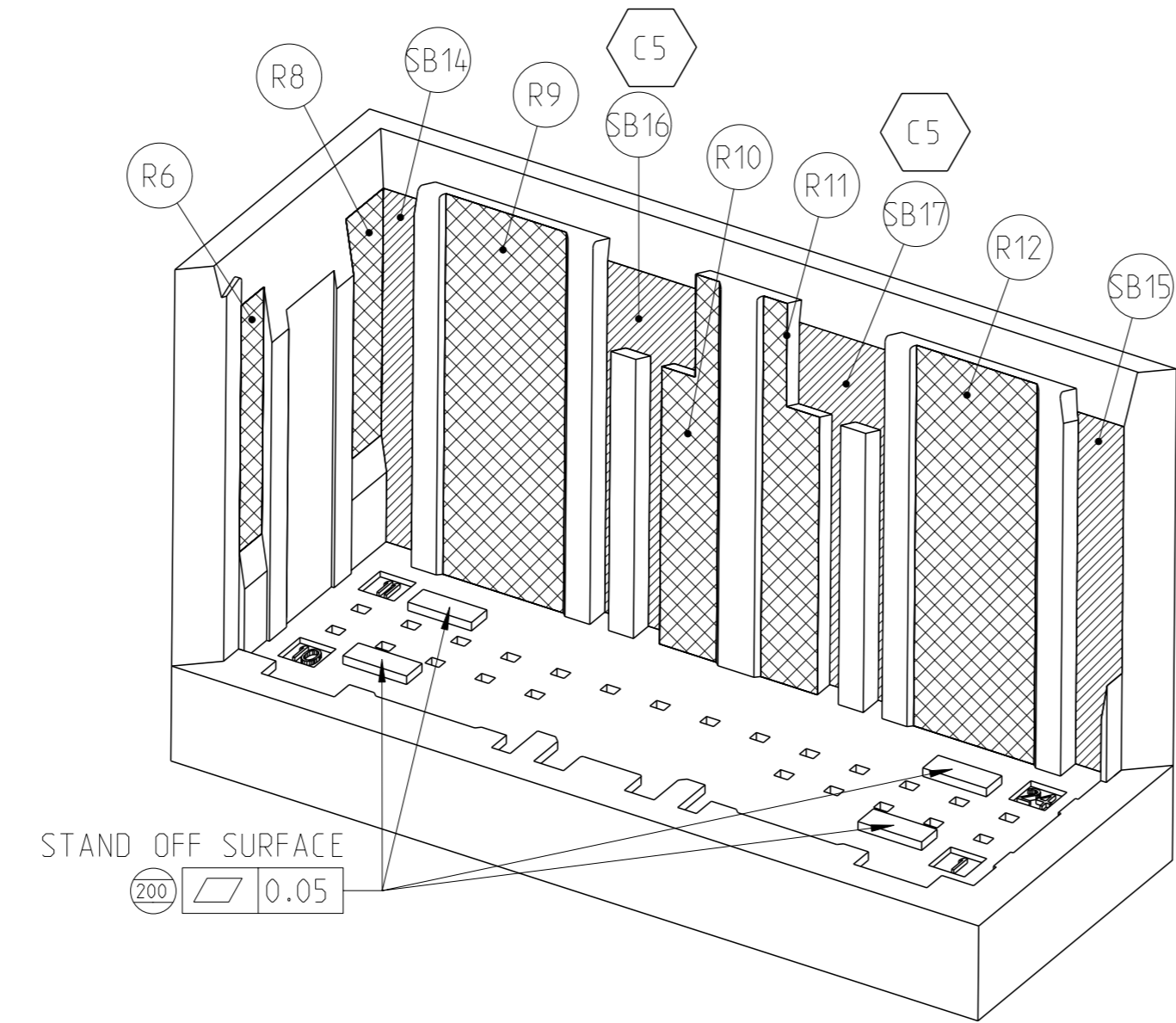
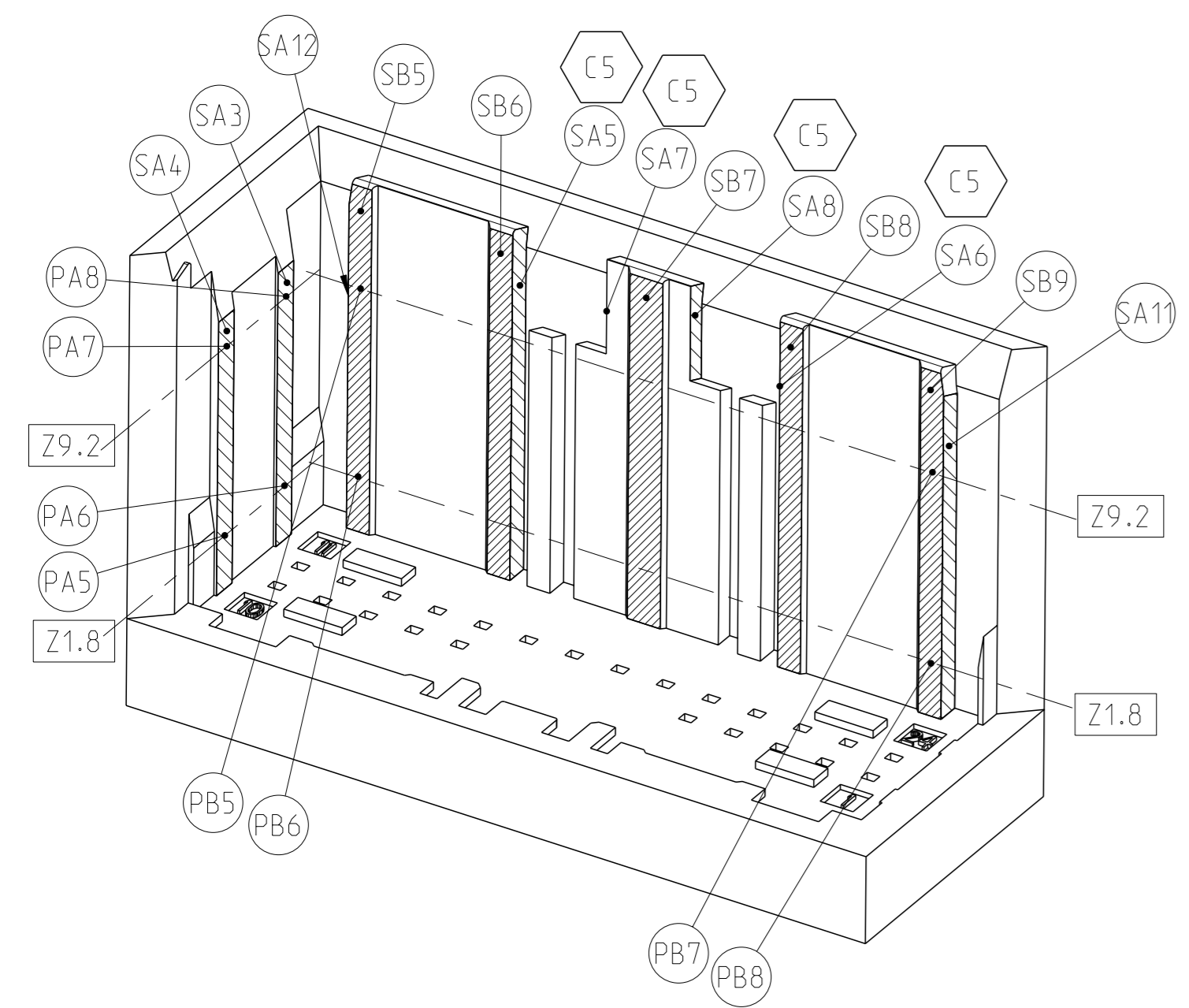
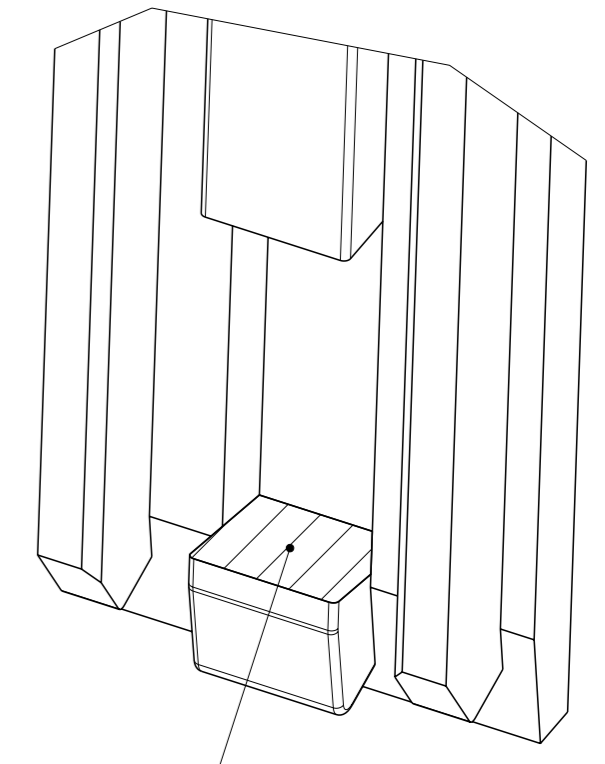
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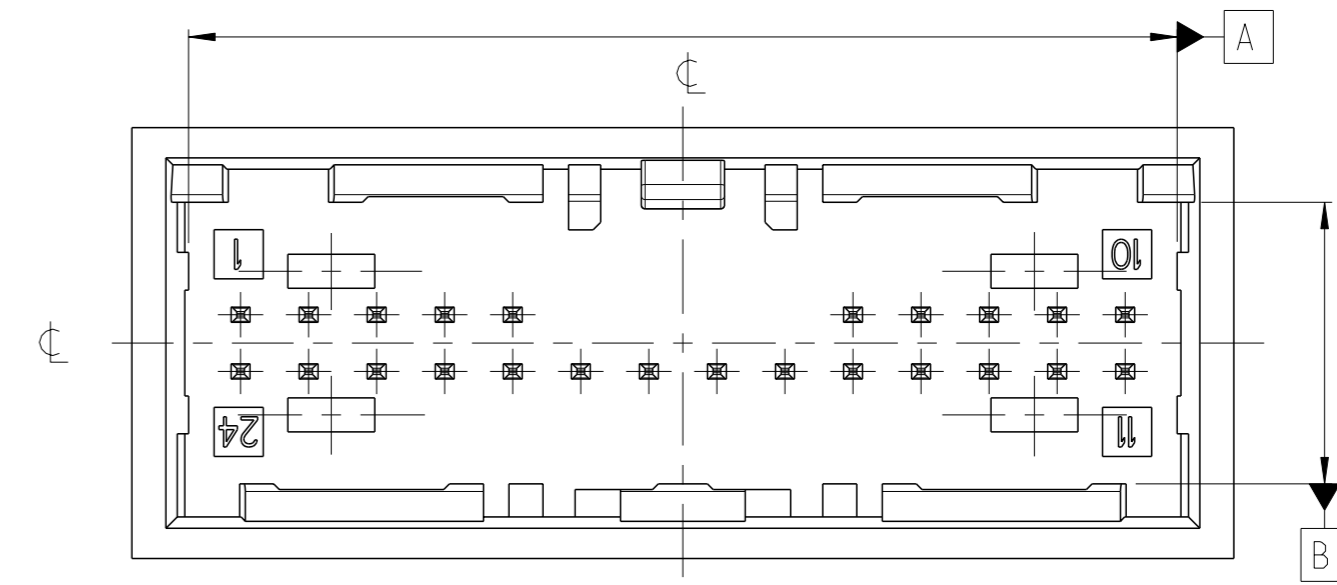
SCALE 10:1



SCALE 10:1



- (PCX) MEASUREMENT POINT TO BUILD REFERENCE C
- (PBX) MEASUREMENT POINT TO BUILD REFERENCE B
- (PAX) MEASUREMENT POINT TO BUILD REFERENCE A
- (210) GUIDING SURFACES (SAX) IN A - DIRECTION 0.15 C B A
- (211) GUIDING SURFACES (SBX) IN B - DIRECTION 0.1 C B A BETWEEN C AND Z9.2
0.15 C B A ABOVE Z9.2
- (212) LOCKING SURFACES (LX) 0.08 C B A
FOR LOCKING SURFACE "L1, L2, L10" 0.1 C B A (215)
- (213) RECESSED SURFACE (RX) 0.15 C B A



INTERFACE P/N 114-20160-X AS SHOWN

DWN	11APR2018	MATERIAL	-	HEAT TREAT	-
CHK	12APR2018				
APVD					
M. Homolka				TE Connectivity	
C. Beck					
NAME: INTERFACE DRAWING FOR NANO MQS LS LINE - PLASTIC LATCH					
SCALE	SIZE	DRAWING NO	SHEET	REV	
2:1	A1	114-20160	3 of 3	C5	

P	LTR	REVISION RECORD	DATE	DWN	APVD
-		SEE SHEET 1			

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm		0 PLC	±
		1 PLC	±
		2 PLC	±
		3 PLC	±
		4 PLC	±
ANGLE:		°	
SURFACE TEXTURE:		√	

LOC
DIST

3308-8 13/11

8 7 6 5 4 3 2 1