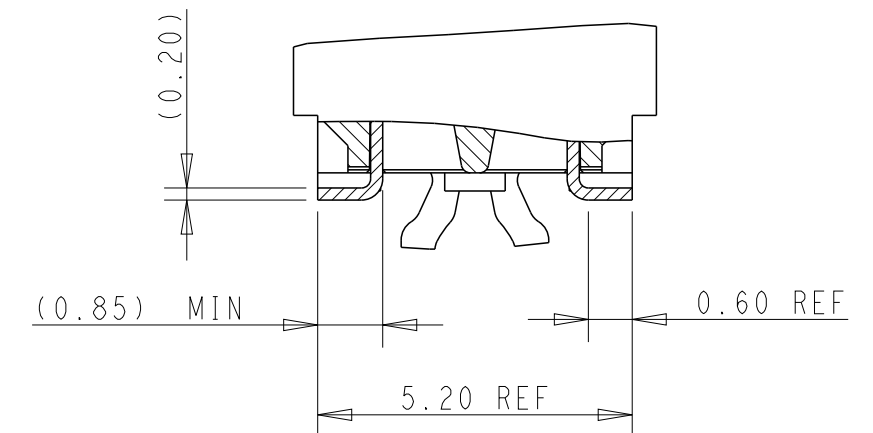
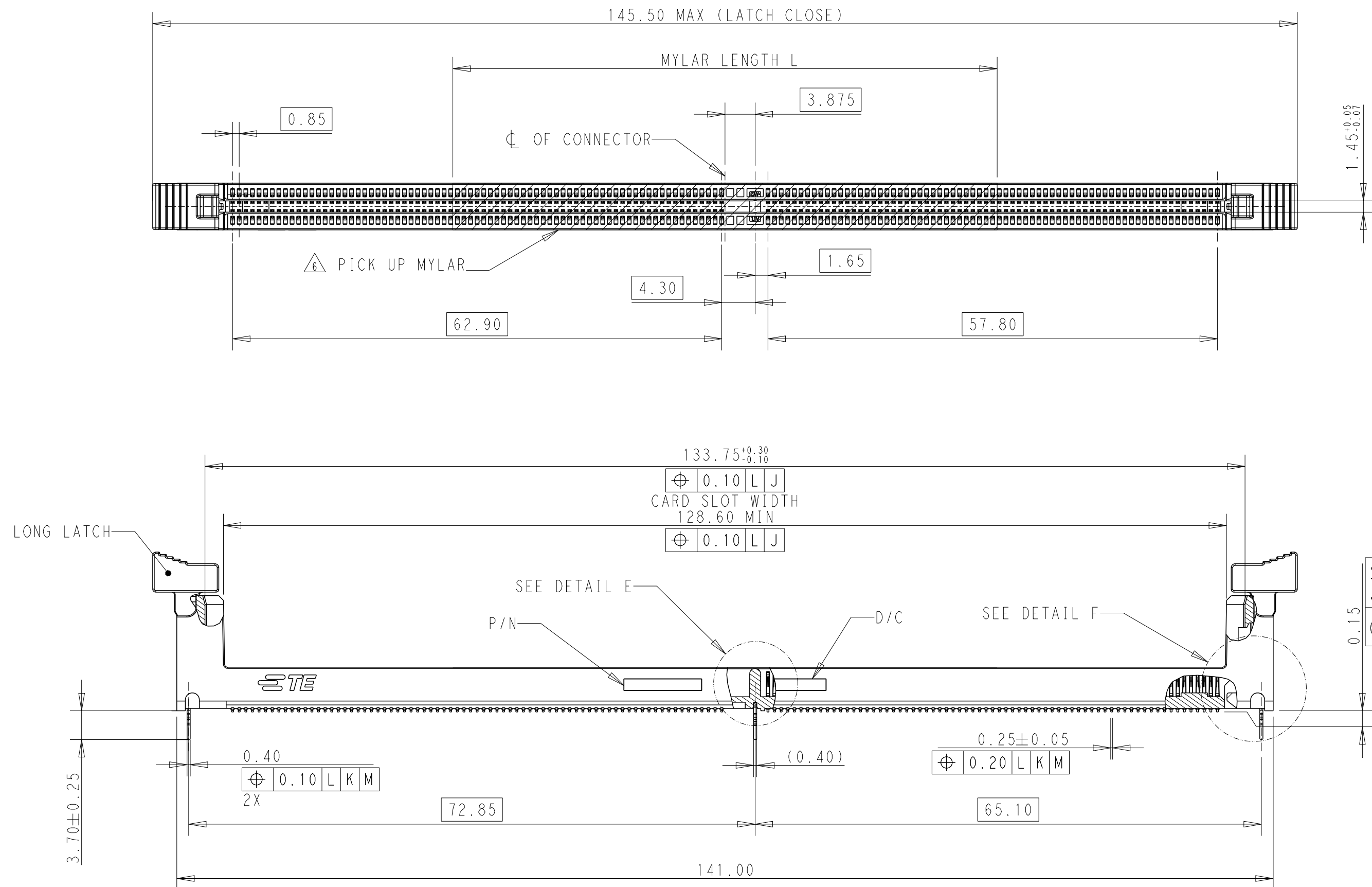
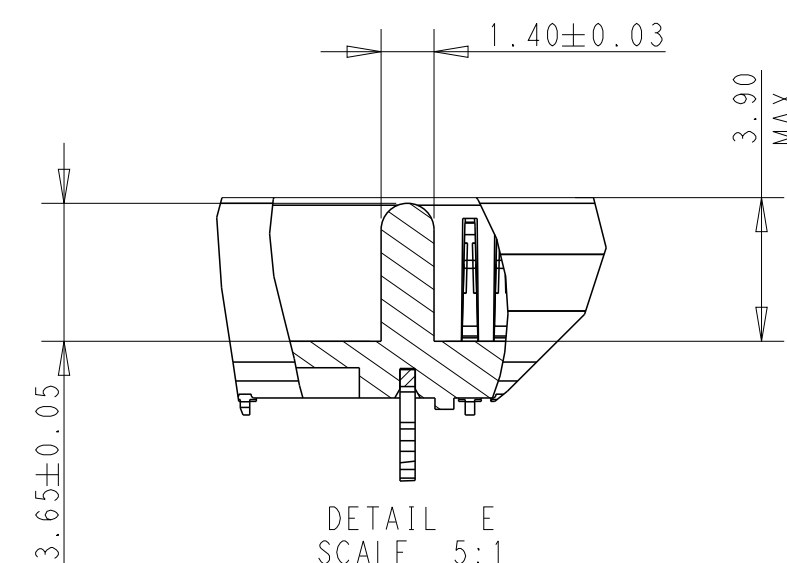
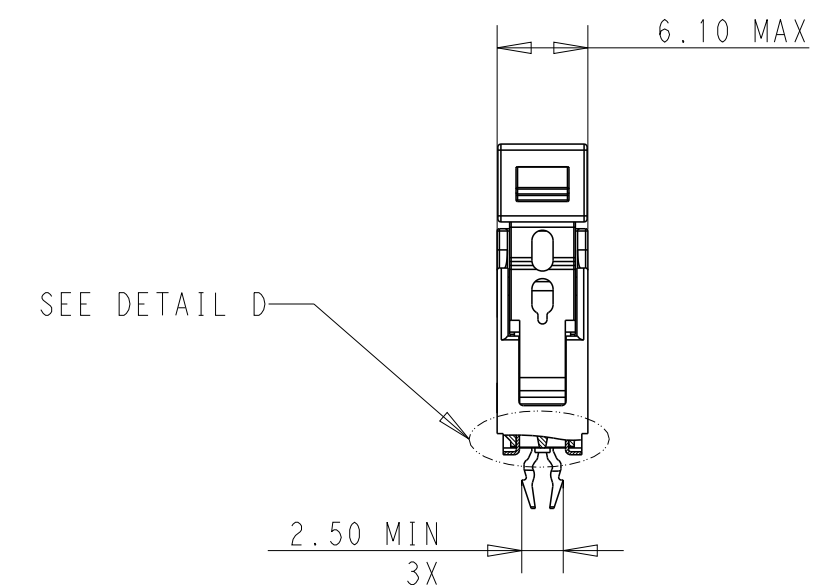


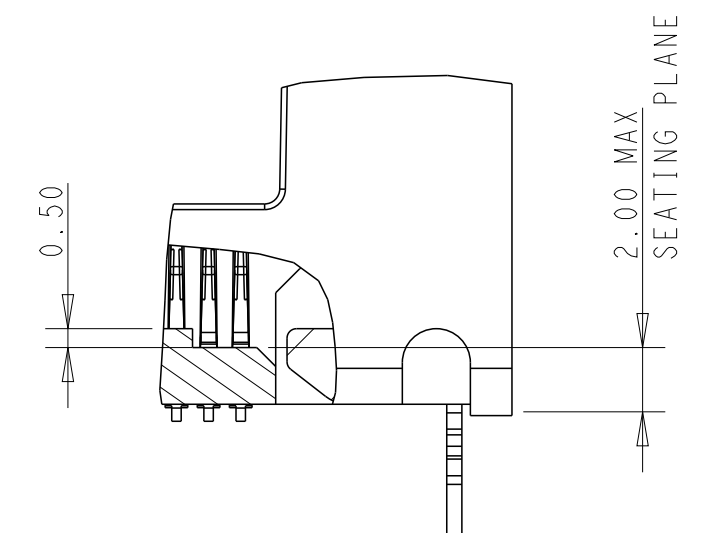
		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
	23	TRAY DESIGN CHANGE	17JUN2022	SS	-
	24	CORRECT BL WIDTH DIM	20JUN2022	SS	-
	A	RELEASE TO PRODUCTION	23AUG2022	SS	-
	A1	ECR-22-150324	24AUG2022	SS	-



DETAIL D
SCALE 8:1



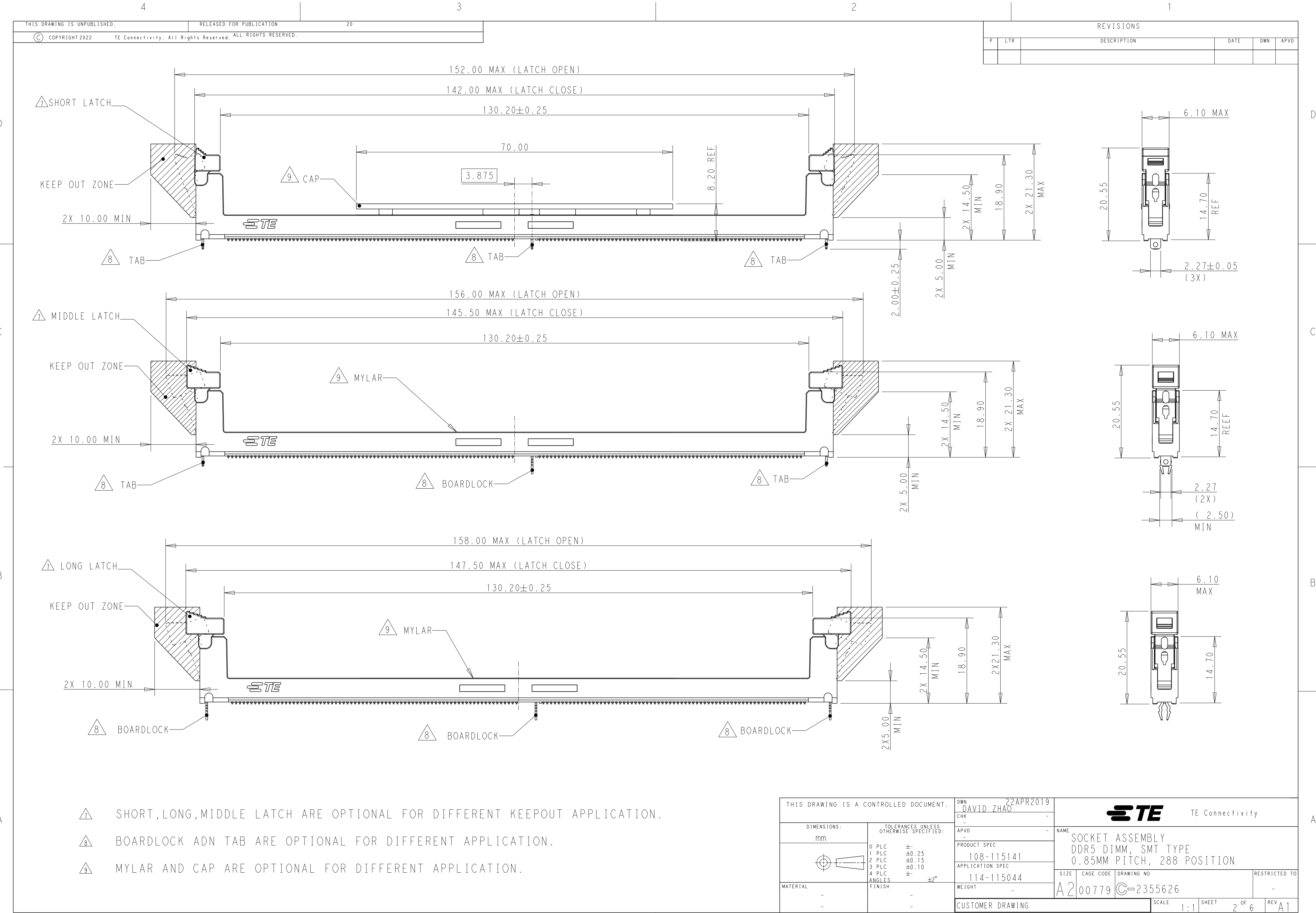
DETAIL E
SCALE 5:1



DETAIL F
SCALE 5:1

- 1 MATERIALS:
HOUSING: HIGH TEMPERATURE NYLON, UL 94-V0,HF;
LATCHES: HIGH TEMPERATURE NYLON, UL 94-V0,HF;
CONTACTS: COPPER ALLOY;
HOLD DOWN: STAINLESS STEEL.
- 2 INTERFACE FINISH:
(1) 0.00076 (30u") MIN THICK GOLD OVER 0.00127 (50u") MIN THICK NICKEL.
(2) 0.00038 (15u") MIN THICK GOLD OVER 0.00127 (50u") MIN THICK NICKEL.
- 3 SOLDER TAIL FINISH:
0.00300 (120u") MIN THICK MATTE TIN OVER 0.00127 (50u") MIN THICK NICKEL.
- 4 HOLD DOWN FINISH:
TAB: 0.00300 (120u") MIN THICK MATTE TIN OVER 0.00127 (50u") MIN THICK NICKEL.
- 5 KEEP OUT AREA RESERVED FOR SOCKET LATCHES AT BOTH ENDS.
- 6 MYLAR WITH SIZE L X 6 IS LOCATED IN THE CENTER OF CONNECTOR.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 22APR2019 DAVID ZHAO		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		APVD -		SOCKET ASSEMBLY DDR5 DIMM, SMT TYPE 0.85MM PITCH, 288 POSITION	
		PRODUCT SPEC 108-115141			
0 PLC ±.25 1 PLC ±0.15 2 PLC ±0.15 3 PLC ±0.10 4 PLC ±.		APPLICATION SPEC 114-115044		RESTRICTED TO	
MATERIAL		WEIGHT		SIZE	
-		-		CAGE CODE	
-		-		DRAWING NO	
-		-		A2 00779	
-		-		C-2355626	
-		-		REV	
-		-		A1	
-		-		SCALE	
-		-		1:1	
-		-		SHEET	
-		-		1 of 6	



4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 2022

TE Connectivity. All Rights Reserved. ALL RIGHTS RESERVED.

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD

DDR5 DIMM NAMING RULE

X-23556XX-X

LATCH TYPE&PICKUP TYPE

VOID: LONG LATCH & MYLAR 1

1: SHORT LATCH & MYLAR 1

2. MIDDLE LATCH & MYLAR 1

3: LONG LATCH & CAP

4: SHORT LATCH & CAP

5: MIDDLE LATCH & CAP

6: LONG LATCH W/O MYLAR & CAP

7: SHORT LATCH W/O MYLAR & CAP

8: MIDDLE LATCH W/O MYLAR & CAP

9: MIDDLE LATCH & MYLAR 2

HOUSING&LATCH COLOR

26: BLACK&BLACK

27: BLACK&NATURAL

28: BLACK&YELLOW

29: BLACK&BLUE

30: BLACK&GREEN

31: NATURAL&BLACK

32: NATURAL&NATURAL

33: NATURAL&YELLOW

34: NATURAL&BLUE

35: NATURAL&GREEN

36: YELLOW&BLACK

37: YELLOW&NATURAL

38: YELLOW&YELLOW

39: YELLOW&BLUE

40: YELLOW&GREEN

41: BLUE&BLACK

42: BLUE&NATURAL

43: BLUE&YELLOW

44: BLUE&BLUE

45: BLUE&GREEN

46: GREEN&BLACK

47: GREEN&NATURAL

48: GREEN&YELLOW

49: GREEN&BLUE

50: GREEN&GREEN

GOLD PLATING&HOLDDOWN TYPE

1: 30u"&3 TAB

2: 30u"&3 BOARDLOCK

3. 30u"&2 SIDETAB+1 BOARDLOCK

4: 15u"&3 TAB

5: 15u"& 3 BOARDLOCK

6: 15u"&2 SIDETAB+1 BOARDLOCK

DDR5 DIMM SPEC CHARACTERISTICS

(MORE SPEC,CHECK TE 108-115141)

1.MECHANICAL CHARACTERISTICS

1.1 INSERTION FORCE OF MODULE TO CONNENTOR: 106.8N MAX.

1.2 UNMATING FORCE: 19.77N MIN.

1.3 DURABILITY: PERFORM 25 CYCLES MATING AND UNMATING.

1.4 INSERTION FORCE OF CONNECTOR TO PCB: 35N MAX.

2.ELECTRICAL CHARACTERISTICS

1.1 WITHSTANDING VOLTAGE: 500VAC PER EIA-364-20,CONDITION 1.

1.2 INSULATION RESISTANCE: 1M OHMS MIN PER EIA-364-21,500VDC.

1.3 CURRENT CARRYING CAPABILITY AT 30°C TEMPERATURE: 1A MAX.

1.4 CONTACT RESISTANCE(LLCR):

INITIAL: 20 MILLIOHMS MAX,

FINAL: THE CHANGE IN LLCR BETWEEN THE READING AFTER STRESS AND THE INITIAL READING SHALL NOT EXCEED 20 MILLIOHMS.

3.ENVIRONMENTAL CHARACTERISTICS

1.1 TEMPERATURE LIFE: 105°C,120H PER EIA-364-17,METHOD A.

1.2 MECHANICAL SHOCK: 50G,11MILLISECONDS,3 DROPS IN EACH OF 6 DIRECTIONS PER EIA-364-27.

1.3 VIBRATION: 10 MINUTES PER DIRECTION FOR ALL 3 DIRECTIONS PER EIA-364-28, PROFILE SEE TE 108-115141.

1.4 THERMAL SHOCK: -55°C TO 85°C,5 CYCLES IN MATED CONDITION PER EIA-364-32,METHOD A,CONDITOIN I.

1.5 CYCLIC TEMPERATUREHUMILITY: 24 CYCLES BETWEEN 25°C AT 80% RH AND 65°C AT 50% RH PER EIA-364-31,METHOD III.

1.6 THERMAL CYCLING: 500 CYCLES IN MATED CONDITION BETWEEN 15°C AND 85°C.

1.7 MIXED FLOWING GAS:

FOR 15U"AU TYPE, 168H MIN TESTING PER EIA-364-65,CLASS IIA.

FOR 30U"AU TYPE, 240H MIN TESTING PER EIA-364-65,CLASS IIA.

4.REFLOW PROCESS CHARACTERISTICS

MOISTURE SENSITIVITY LEVEL OF PLASTIC MATERIALL IS LEVEL 1,

COULD WITHSTAND 260°C,10S LEAD FREE PROCESS ABILITY.

RECOMMENDED REFLOW PROFILE IS IN TE 108-115141.

NOTE:

MYLAR 1 LENGTH: L=70.0 ±1.0

MYLAR 2 LENGTH: L=128.0 ±1.0

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

22APR2019

DAVID ZHAO

CHK

-

APVD

-

PRODUCT SPEC

108-115141

APPLICATION SPEC

114-115044

WEIGHT

-

CUSTOMER DRAWING

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±0.25

±0.15

±0.10

±

±2°

-

-

NAME

SOCKET ASSEMBLY

DDR5 DIMM, SMT TYPE

0.85MM PITCH, 288 POSITION

SIZE

A2

CAGE CODE

00779

DRAWING NO

C-2355626

RESTRICTED TO

-

SCALE

1:1

SHEET

3

OF

6

REV

A1

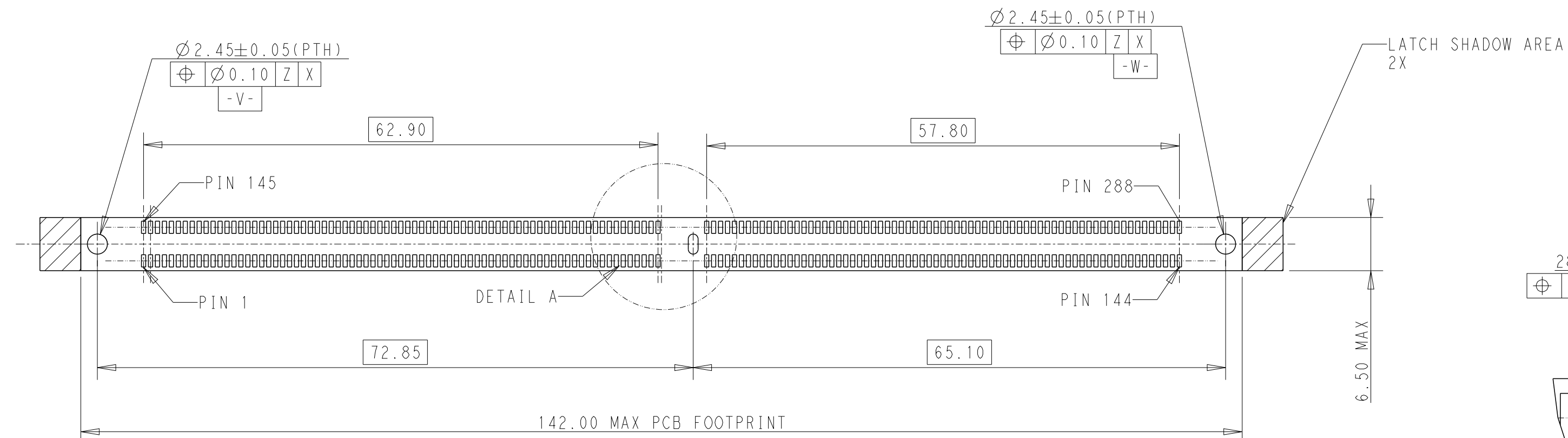
TE

TE Connectivity

1471-9 (3/13)

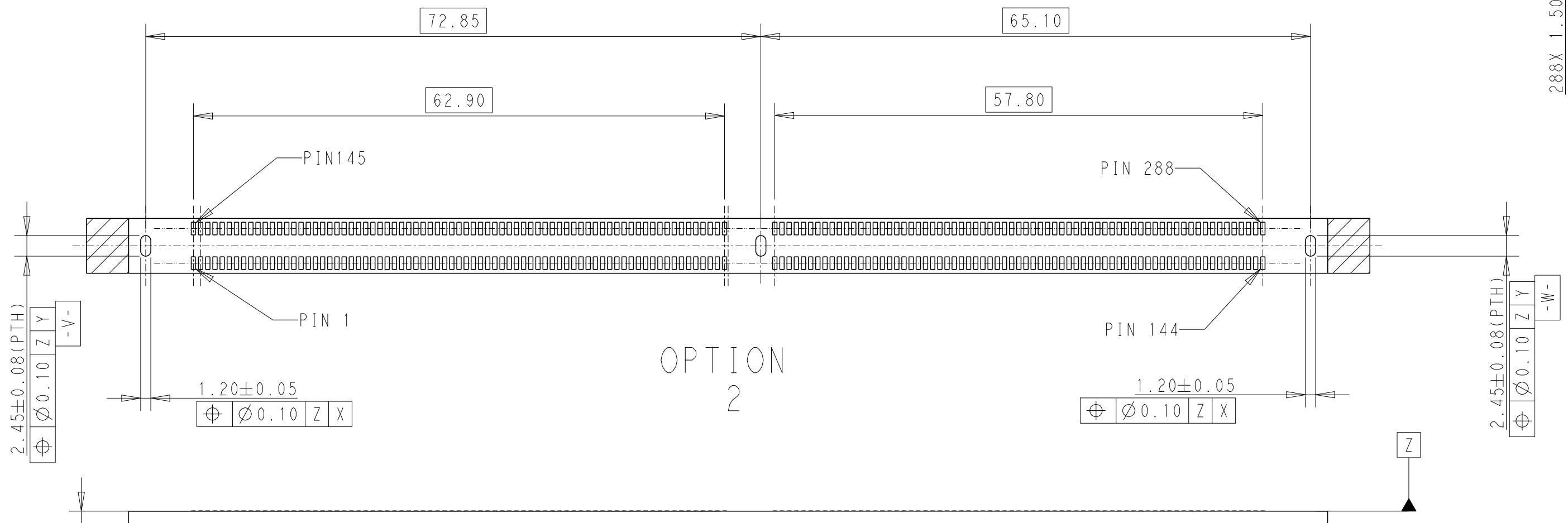
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD

1 DATUM Z IS THE TOP SIZE OF PCB.
2 HOLD DOWN HOLE SHOULD BE PLATED THROUGH
HOLE.

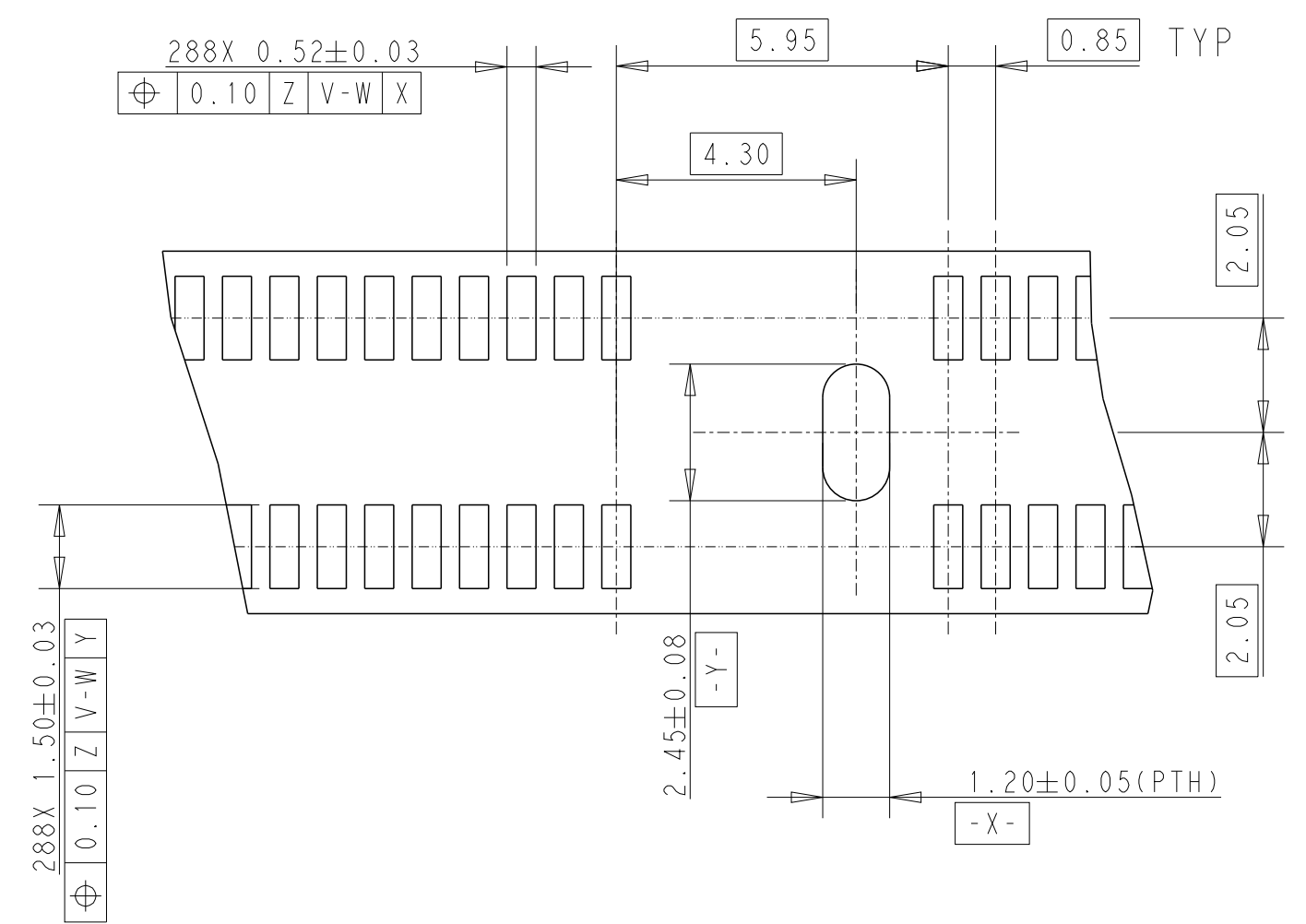


FOR SHORT LATCH, X IS 152MM MAX;
FOR MIDDLE LATCH, X IS 156MM MAX;
FOR LONG LATCH, X IS 162MM MAX;

OPTION
1

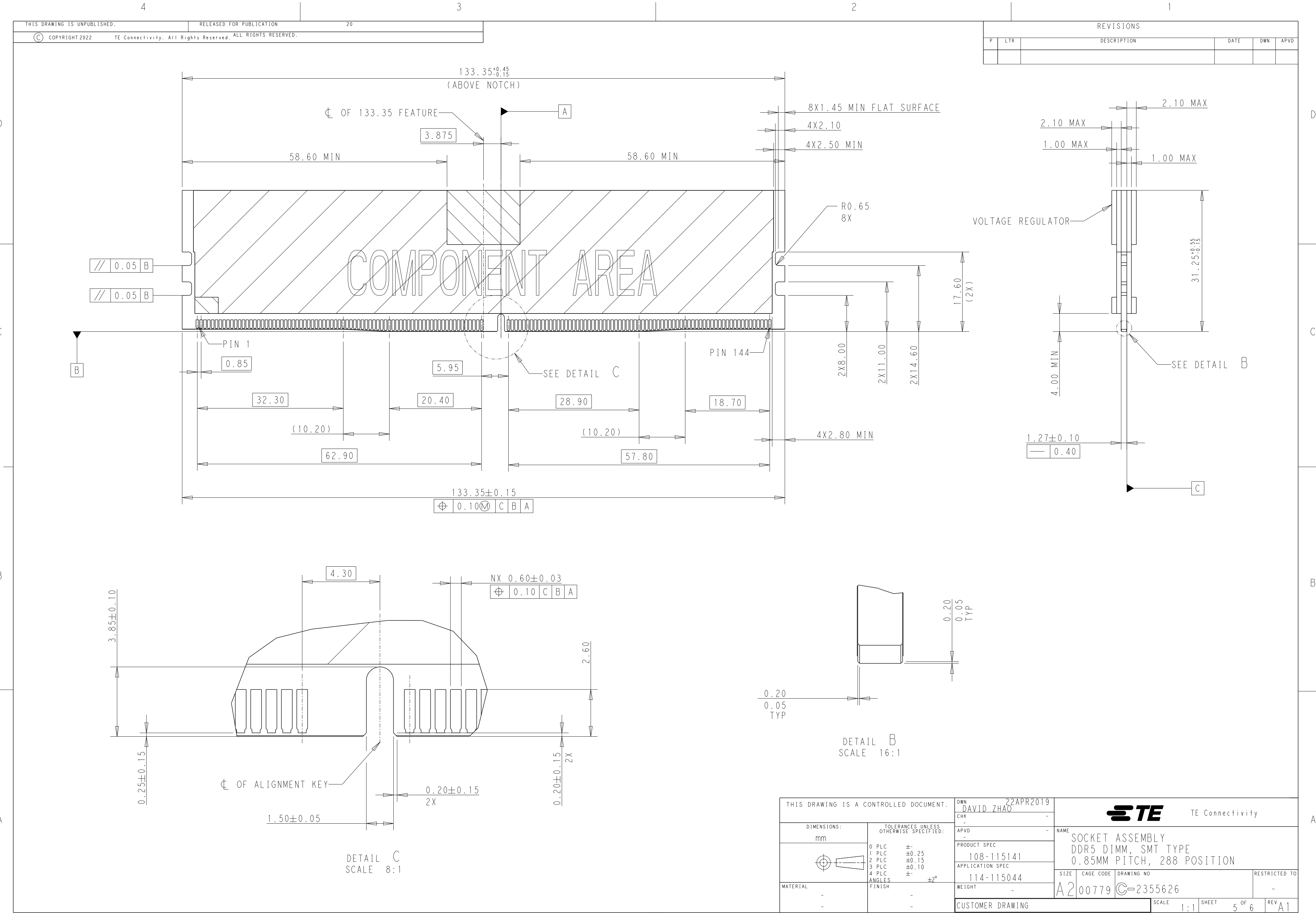


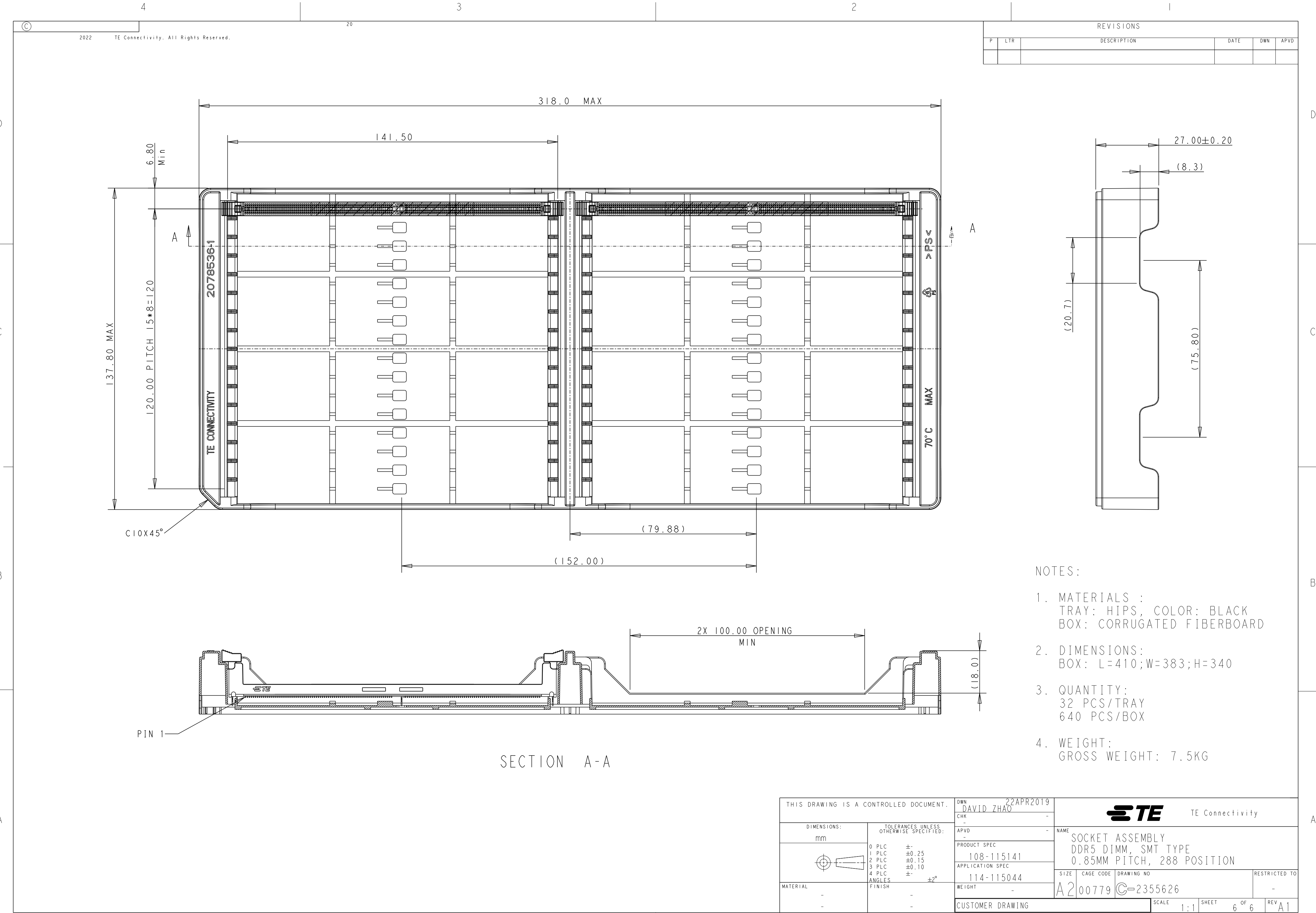
RECOMMENDED PCB
LAYOUT
VIEWED FROM CONNECTOR SIDE



DETAIL A
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 22APR2019 DAVID ZHAO		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SOCKET ASSEMBLY DDR5 DIMM, SMT TYPE 0.85MM PITCH, 288 POSITION	
		0 PLC ±.1 1 PLC ±0.25 2 PLC ±0.15 3 PLC ±0.10 4 PLC ±.1 ANGLES ±2°		PRODUCT SPEC 108-115141 APPLICATION SPEC 114-115044	
MATERIAL - -		FINISH - -		WEIGHT -	
CUSTOMER DRAWING				SIZE A2 CAGE CODE 00779 DRAWING NO. C-2355626	
				RESTRICTED TO -	
				SCALE 1:1 SHEET 4 OF 6 REV A1	





P	LTR	DESCRIPTION	DATE	DWN	APVD

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 22APR2019 DAVID ZHAO	 TE Connectivity			
DIMENSIONS:		CHK -				
mm		APVD -	NAME SOCKET ASSEMBLY DDR5 DIMM, SMT TYPE 0.85MM PITCH, 288 POSITION			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-115141				
0 PLC ±		APPLICATION SPEC 114-115044	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
1 PLC ±0.25		WEIGHT	A2	00779	C-2355626	-
2 PLC ±0.15		CUSTOMER DRAWING				SCALE 1:1
3 PLC ±0.10						SHEET 6 OF 6
4 PLC ±						REV A1
ANGLES ±2°						
FINISH						