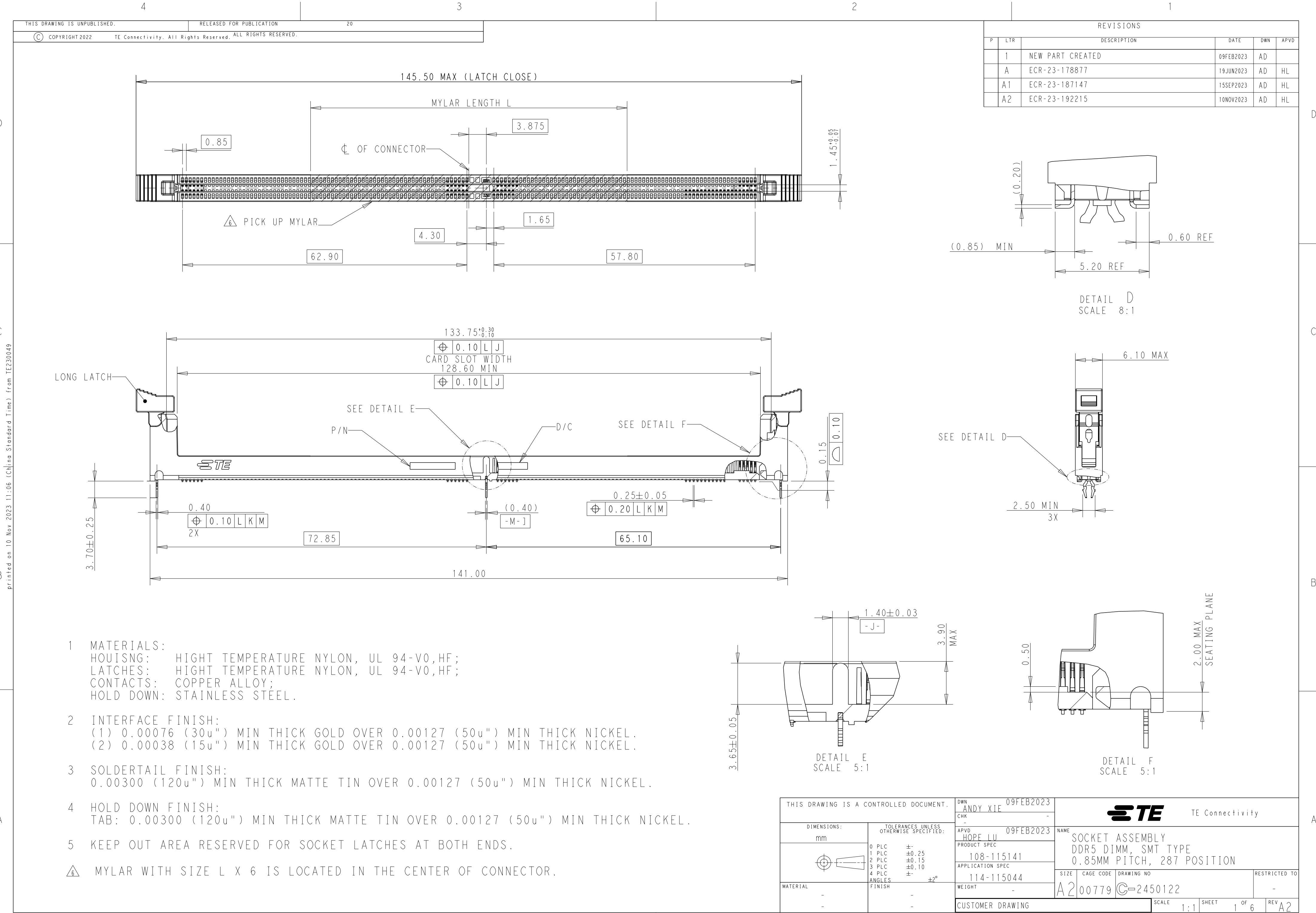
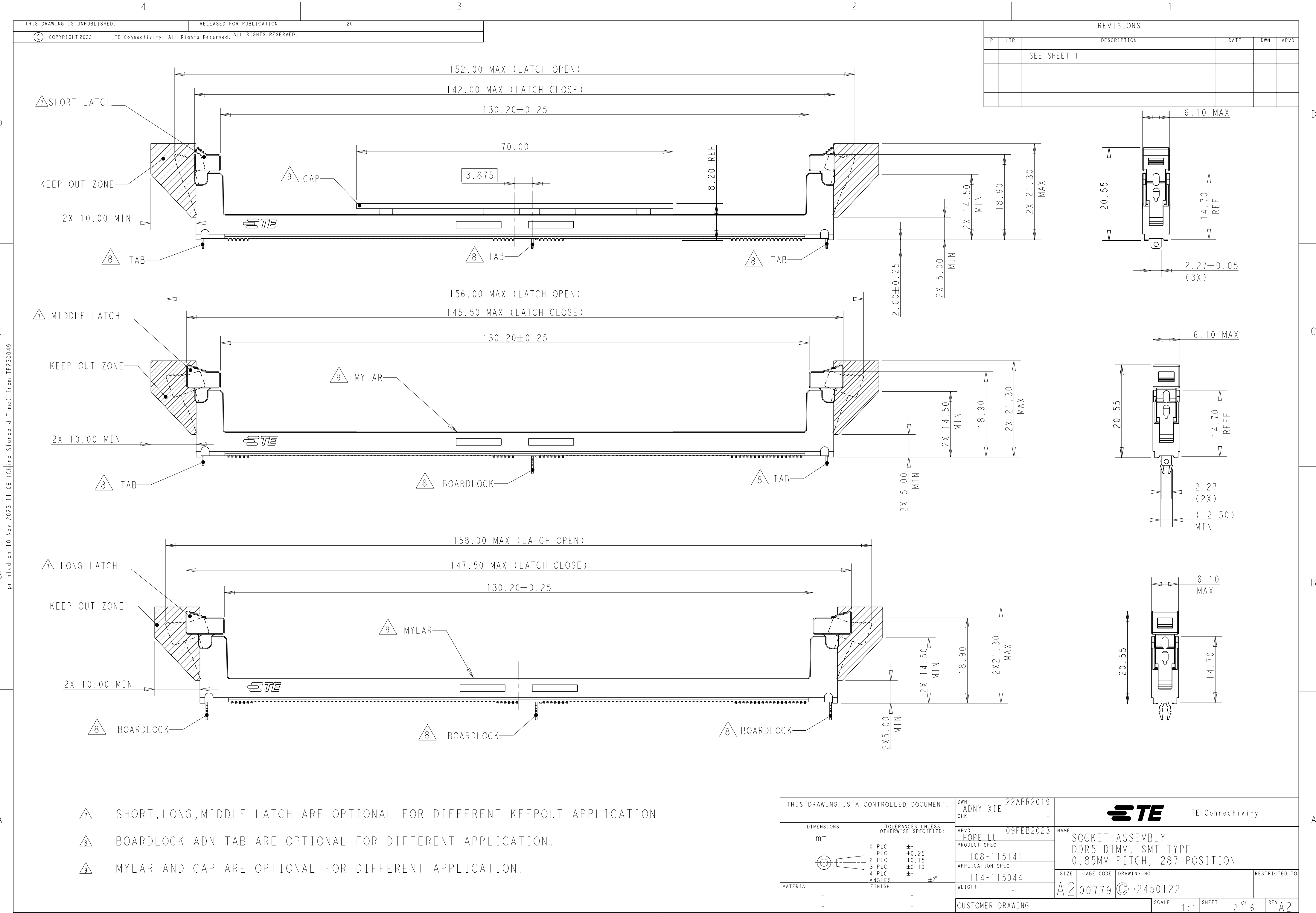




REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
1		NEW PART CREATED	09FEB2023	AD	
A		ECR-23-178877	19JUN2023	AD	HL
A1		ECR-23-187147	15SEP2023	AD	HL
A2		ECR-23-192215	10NOV2023	AD	HL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ANDY XIE	09FEB2023	 TE Connectivity	
		CHK -	-		
DIMENSIONS: mm		APVD HOPE LU	09FEB2023	NAME SOCKET ASSEMBLY DDR5 DIMM, SMT TYPE 0.85MM PITCH, 287 POSITION	
		PRODUCT SPEC 108-115141		SIZE A2	
		APPLICATION SPEC 114-115044		CAGE CODE 00779	
MATERIAL -		WEIGHT -		DRAWING NO C-2450122	
		CUSTOMER DRAWING		RESTRICTED TO -	
		SCALE 1:1		SHEET 1 OF 6	
				REV A2	



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THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

2

4

3

1

2

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

DDR5 DIMM NAMING RULE

X - XXXXXXXX - X

LATCH TYPE&PICKUP TYPE

VOID: LONG LATCH & MYLAR

1: SHORT LATCH & MYLAR

2. MIDDLE LATCH & MYLAR

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

XXXXXXX

MANUFACTURE LOCATION		HOUSING&LATCH COLOR	
QD10	PHI11	HOUSING	LATCH
2450122	2474394	BLACK	BLACK
2450123	2477256	BLACK	NATURAL
2450124	2477258	BLACK	BLUE
2450125	2474395	NATURAL	NATURAL
2450126	2477260	YELLOW	NATURAL
2450127	2477261	BLUE	NATURAL
2450128	2477263	BLUE	BLUE

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

NOTE:

MYLAR LENGTH: L=70.0 ±1.0

10PARTS TO BE MANUFACTURED AT QINGDAO PLANT;

11PARTS TO BE MANUFACTURED AT PHILIPPINES PLANT;

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 I.

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,CONDITIOIN 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.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

ANDY XIE

09FEB2023

CHK

-

-

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±0.25

2 PLC ±0.15

3 PLC ±0.10

4 PLC ±

ANGLES ±2°

FINISH

-

-

MATERIAL

-

-

APVD

HOPE LU

09FEB2023

PRODUCT SPEC

108-115141

APPLICATION SPEC

114-115044

WEIGHT

-

CUSTOMER DRAWING

SCALE 1:1

SHEET 3 OF 6

REV A2

NAME

SOCKET ASSEMBLY

DDR5 DIMM, SMT TYPE

0.85MM PITCH, 287 POSITION

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=2450122

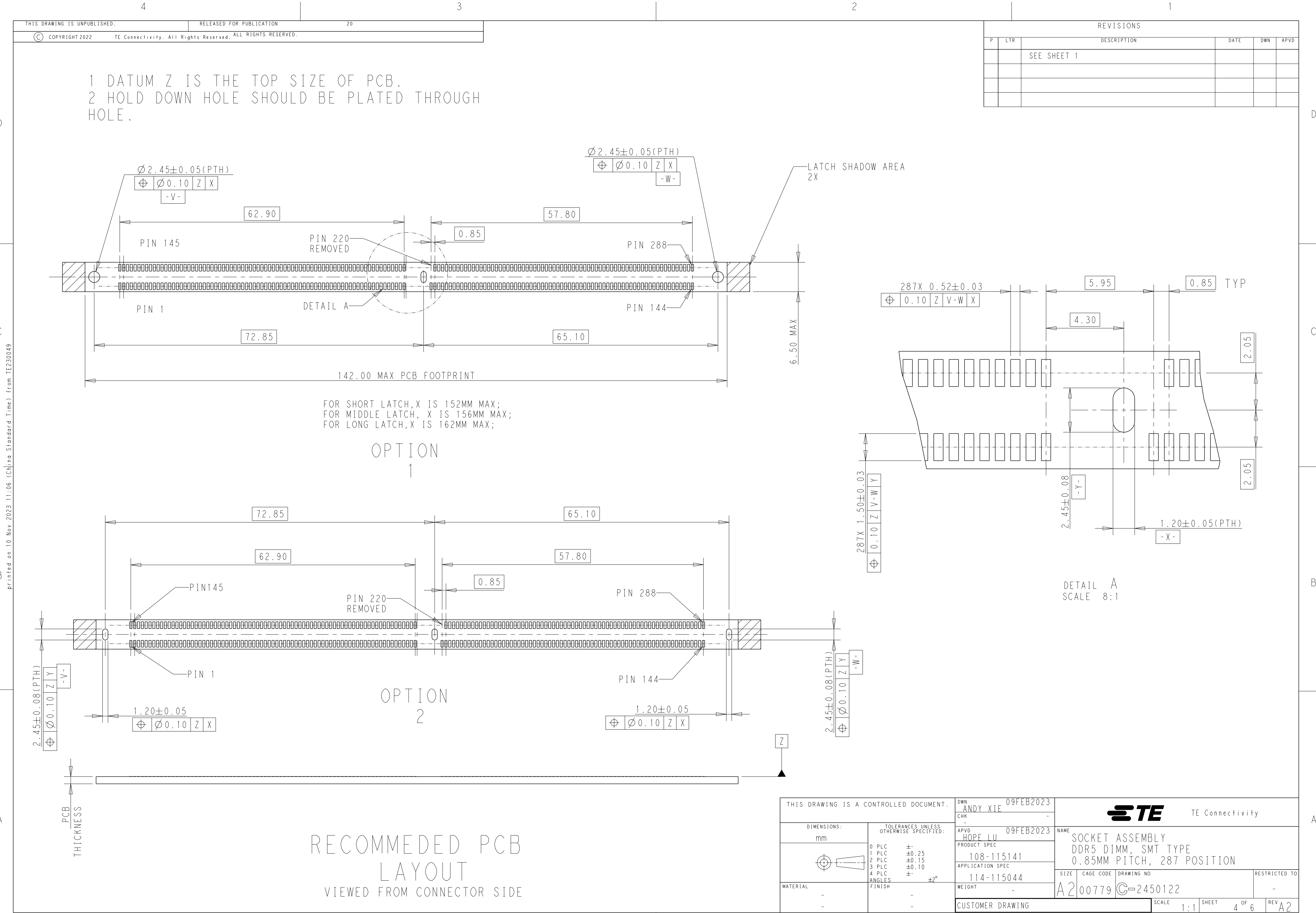
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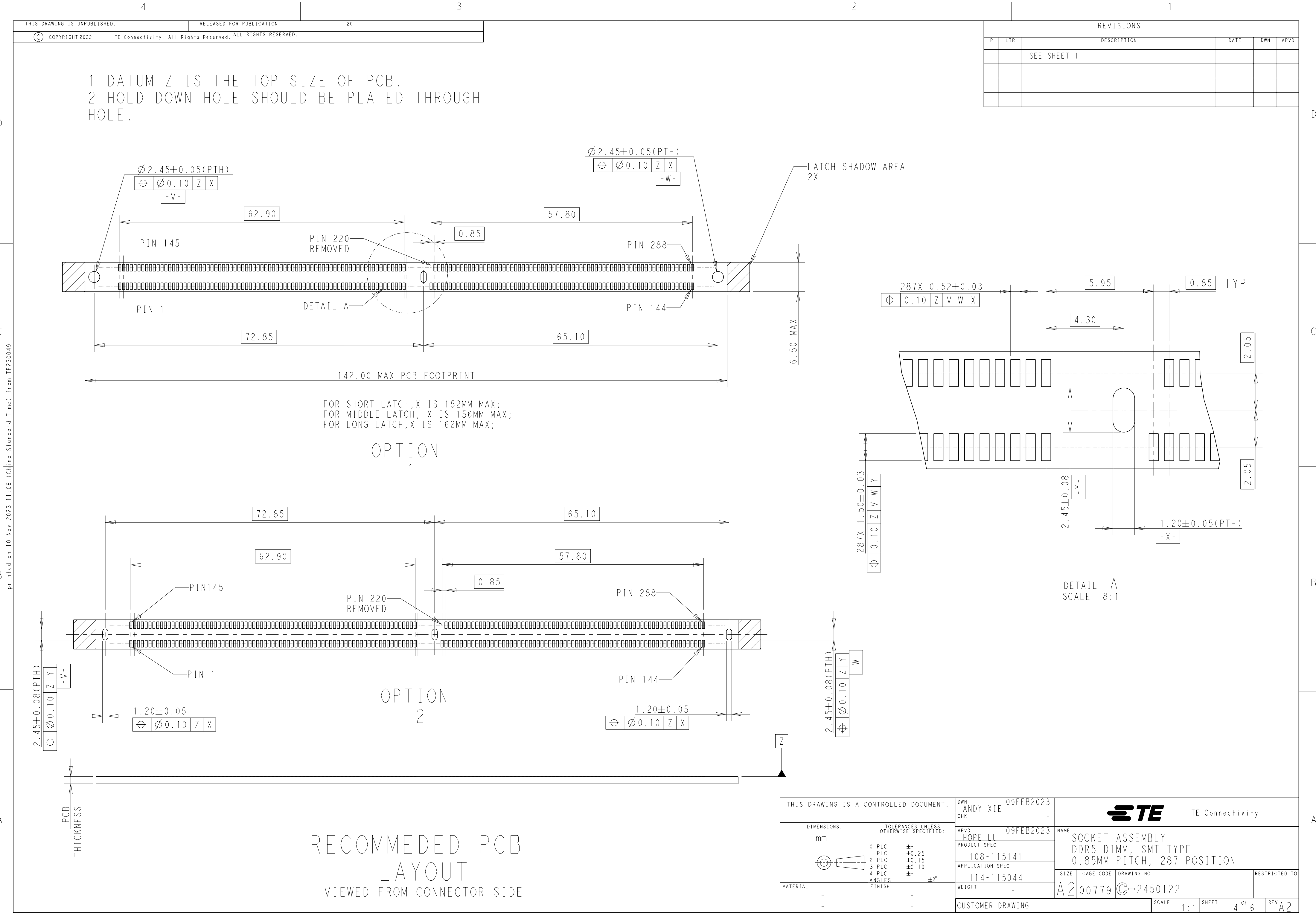
TE

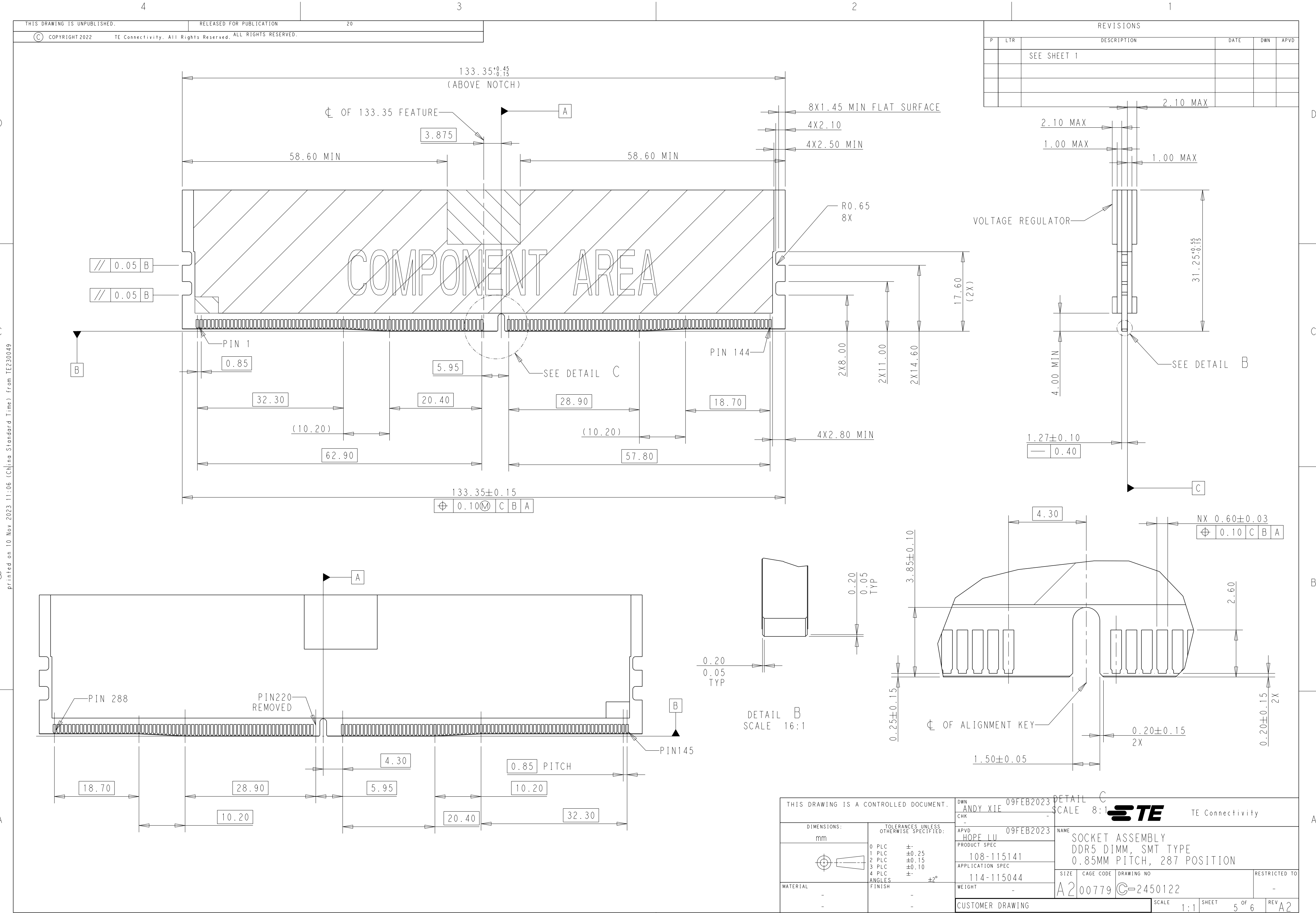
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D

C

B

A

D

C

B

A

D

C

B

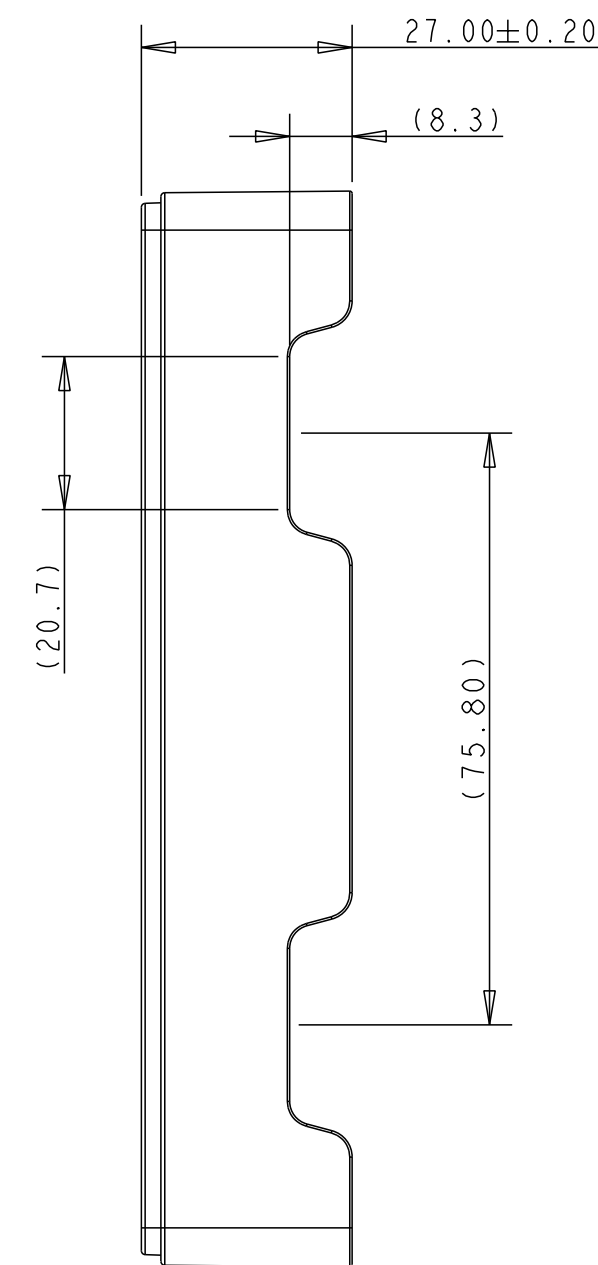
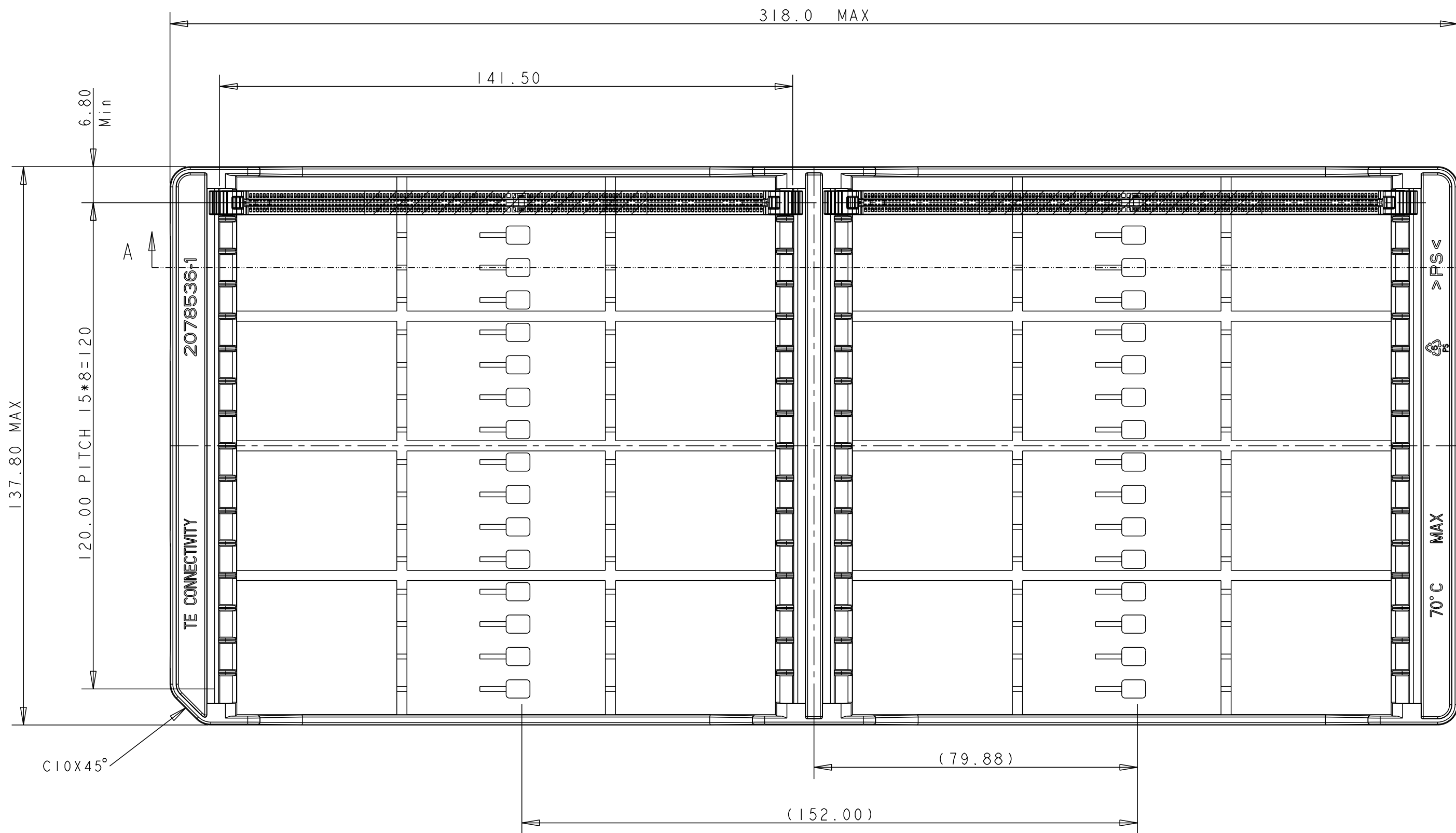
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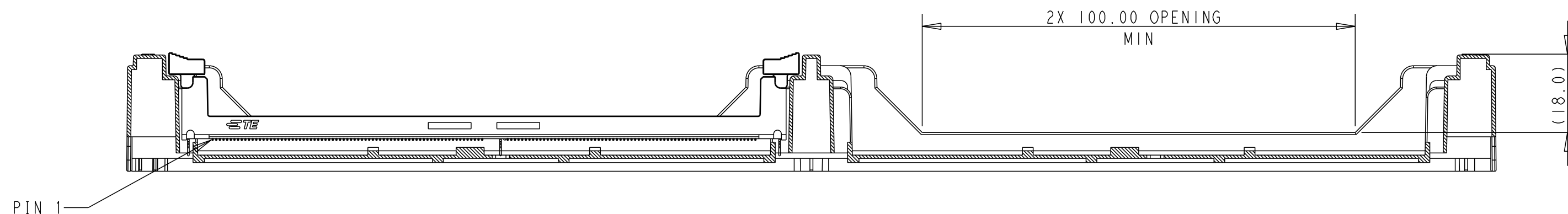
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			



NOTES:

- MATERIALS :
TRAY: HIPS, COLOR: BLACK
BOX: CORRUGATED FIBERBOARD
- DIMENSIONS:
BOX: L=410;W=383;H=340
- QUANTITY:
32 PCS/TRAY
640 PCS/BOX
- WEIGHT:
GROSS WEIGHT: 7.5KG



SECTION A-A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ANDY XIE	09FEB2023	 TE Connectivity	
		CHK -	-		
DIMENSIONS: mm		APVD HOPE LU	09FEB2023	NAME SOCKET ASSEMBLY DDR5 DIMM, SMT TYPE 0.85MM PITCH, 287 POSITION	
		PRODUCT SPEC 108-115141			
		APPLICATION SPEC 114-115044		SIZE A2	CAGE CODE 00779
MATERIAL -		WEIGHT -		DRAWING NO C=2450122	RESTRICTED TO -
		CUSTOMER DRAWING		SCALE 1:1	SHEET 6 OF 6
				REV A2	