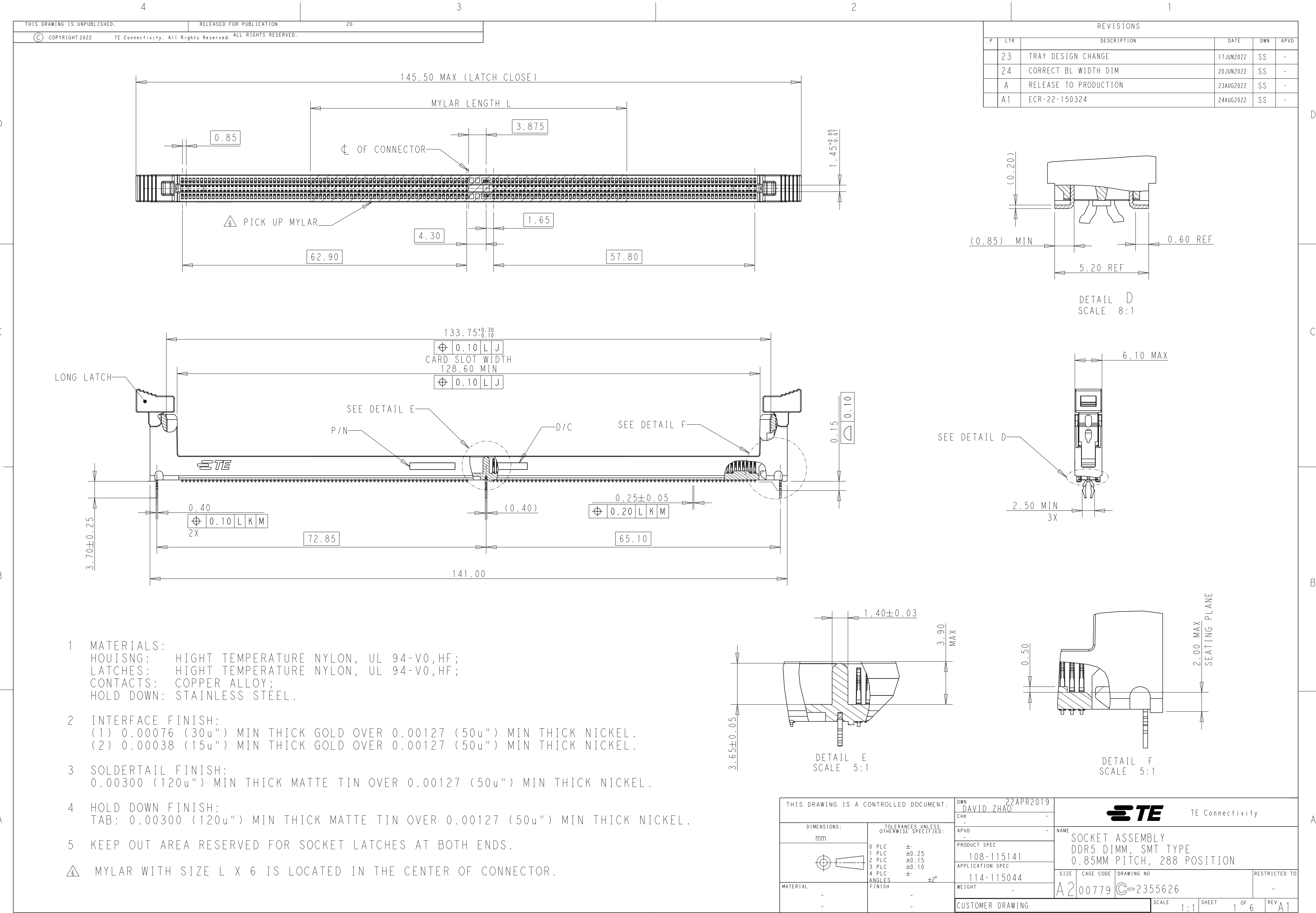
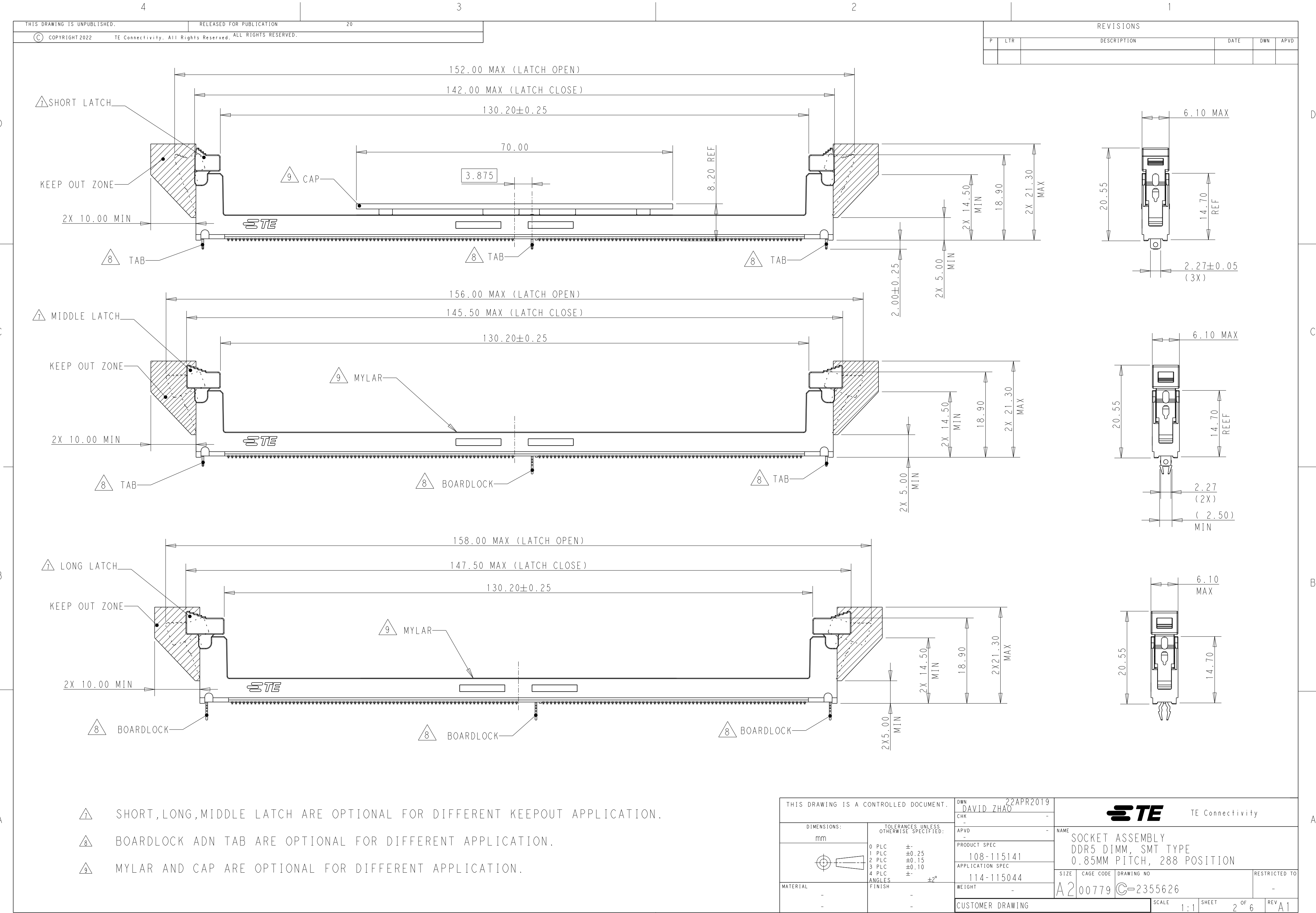






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REVISIONS

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

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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

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

©-2355626

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SCALE

1:1

SHEET

3 OF 6

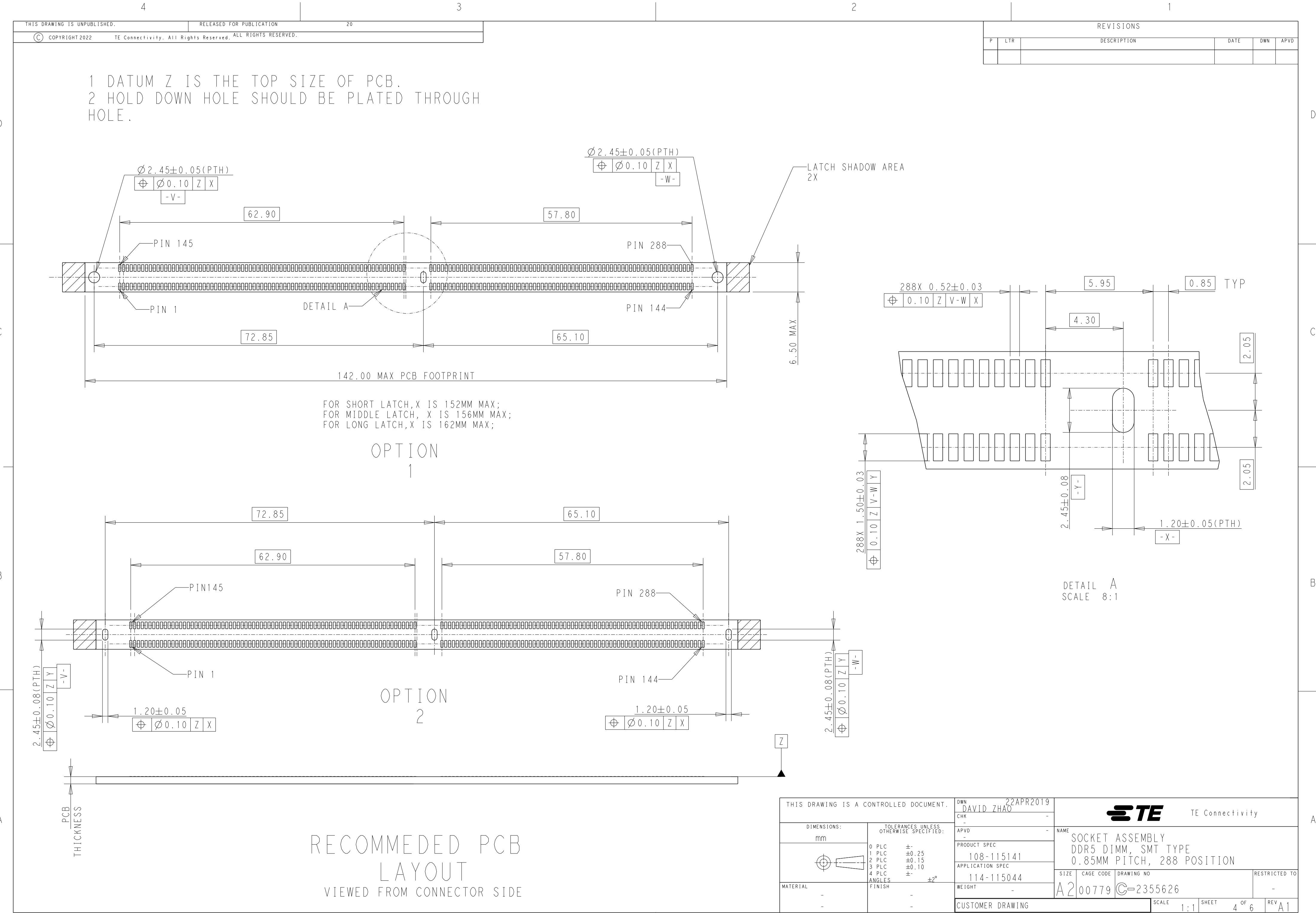
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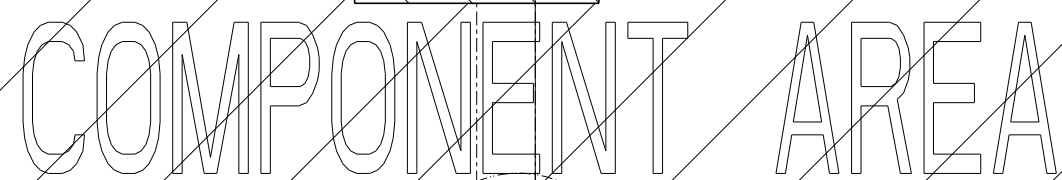
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TE

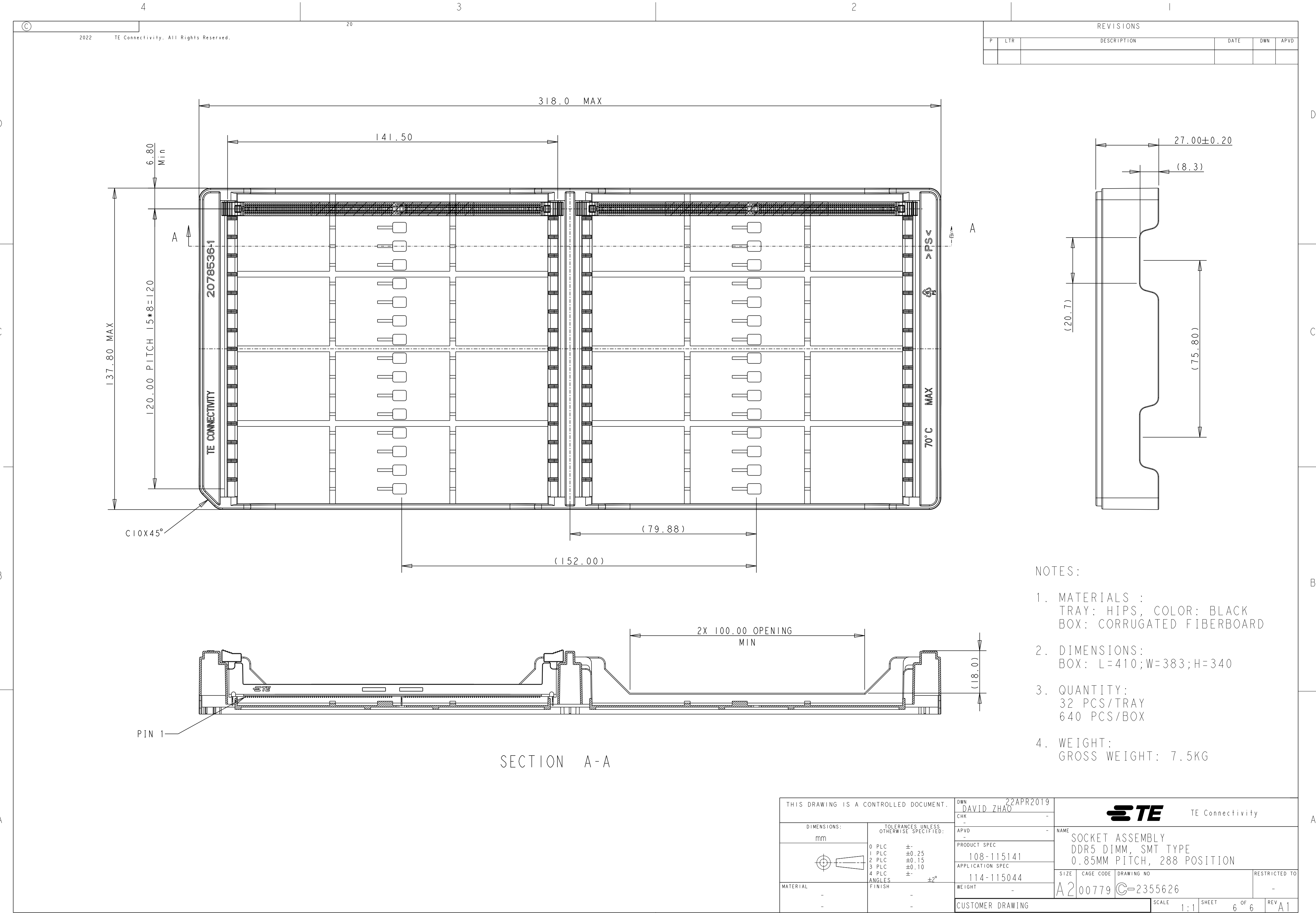
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1471-9 (3/13)





CUSTOMER DRAWING	SCALE	1 : 1	SHEET	5	OF	6	REV	A 1
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	DAVID ZHAO	22APR2019	 TE Connectivity	
		CHK	-	-		
DIMENSIONS:		APVD	-	-	NAME	
mm		PRODUCT SPEC	108-115141	-		
		APPLICATION SPEC	114-115044	-	SIZE	CAGE CODE
		WEIGHT	-	-	A2	00779
		CUSTOMER DRAWING			SCALE	1:1
					SHEET	6 OF 6
					REV	A1