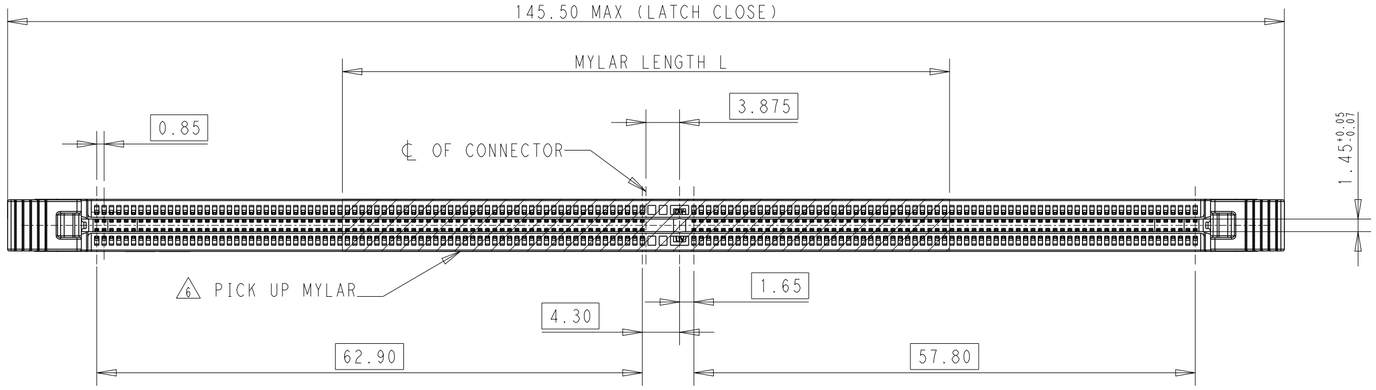
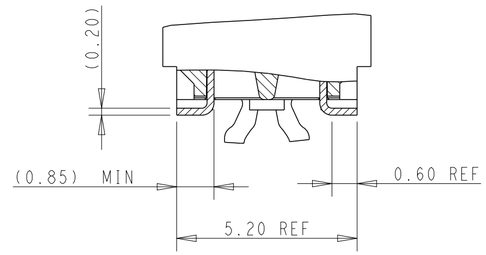
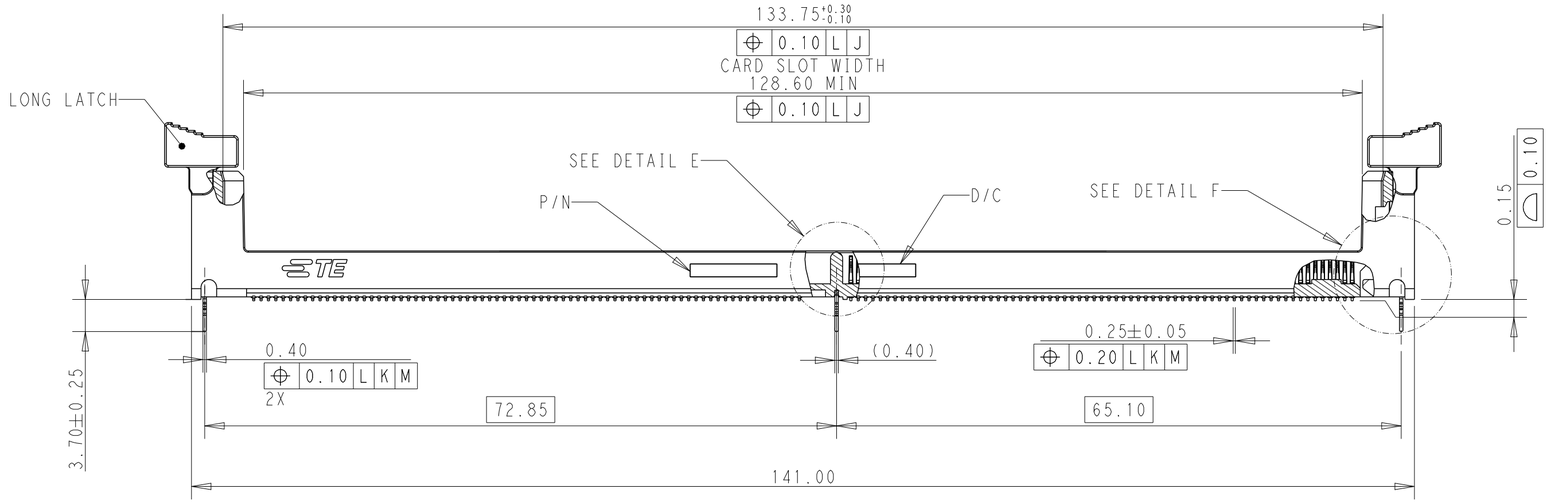
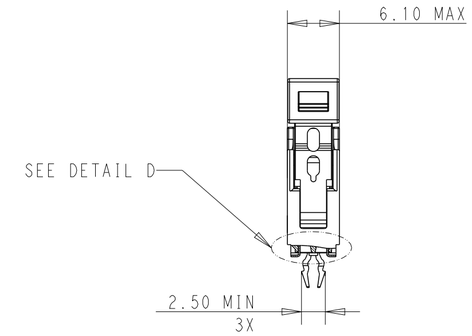
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	23	TRAY DESIGN CHANGE	17JUN2022	SS	-
	24	CORRECT BL WIDTH DIM	20JUN2022	SS	-
	A	RELEASE TO PRODUCTION	23AUG2022	SS	-
	A1	ECR-22-150324	24AUG2022	SS	-

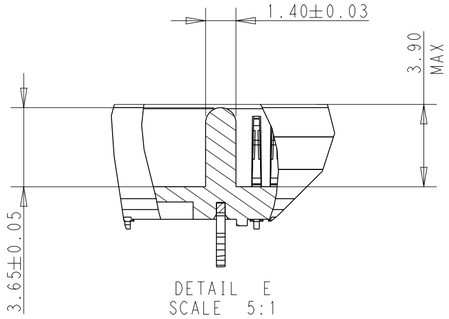




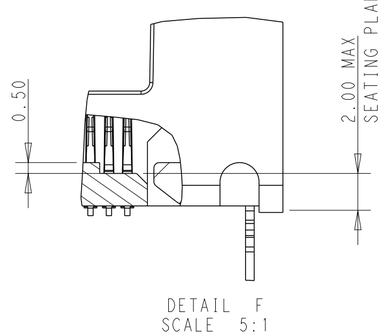
DETAIL D
SCALE 8:1







DETAIL E
SCALE 5:1



DETAIL F
SCALE 5:1

1 MATERIALS:
HOUISNG: HIGHT TEMPERATURE NYLON, UL 94-V0,HF;
LATCHES: HIGHT 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 SOLDERTAIL 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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.15
3 PLC ±0.10
4 PLC ±-
ANGLES ±2°

MATERIAL -
FINISH -

DWN DAVID ZHAO 22APR2019
CHK -
APVD -
PRODUCT SPEC 108-115141
APPLICATION SPEC 114-115044
WEIGHT -
CUSTOMER DRAWING

TE Connectivity

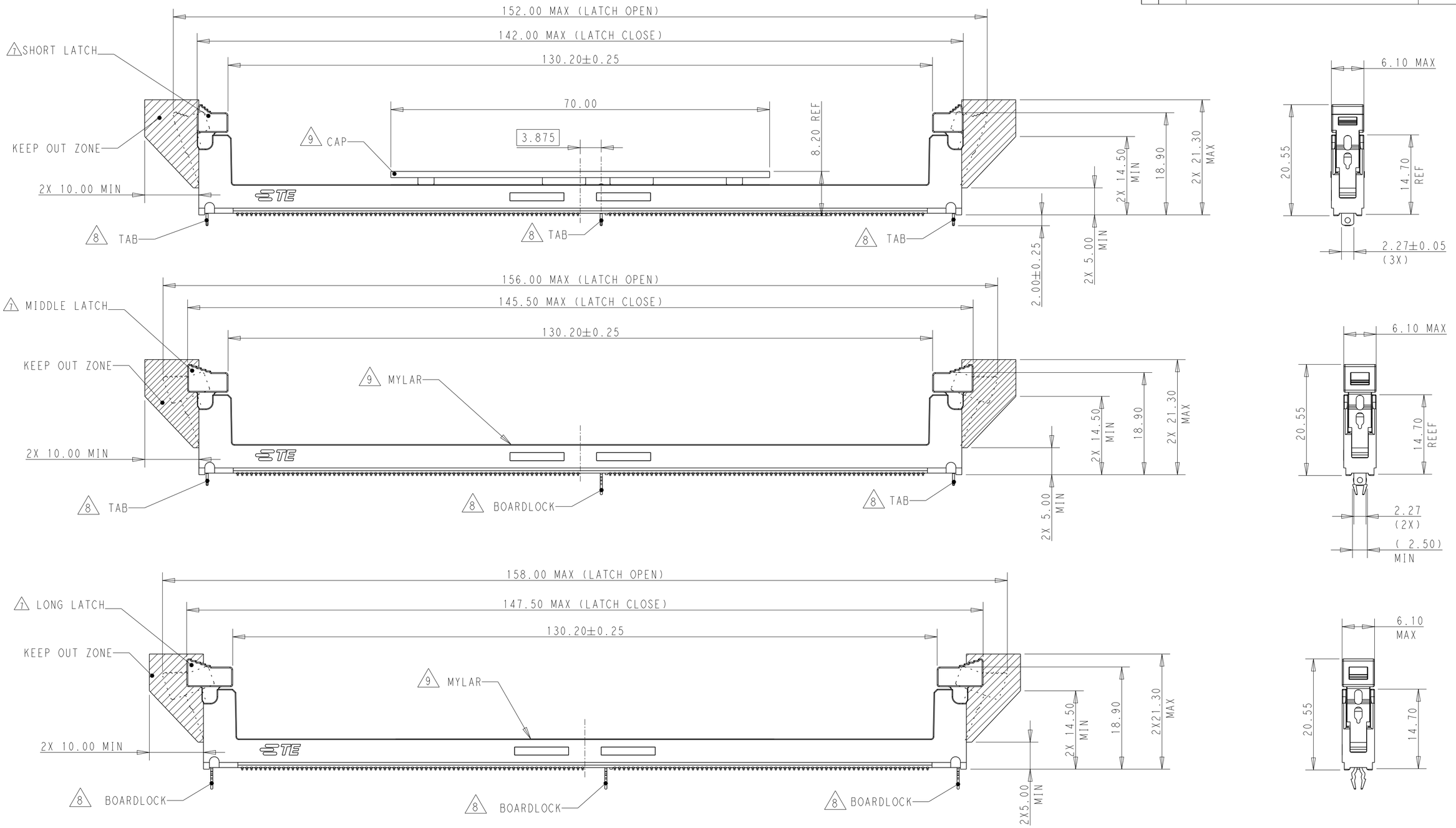
NAME SOCKET ASSEMBLY
DDR5 DIMM, SMT TYPE
0.85MM PITCH, 288 POSITION

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2355626	-

SCALE 1:1 SHEET 1 OF 6 REV A1

1471-9 (3/13)

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD



1. 1 SHORT,LONG,MIDDLE LATCH ARE OPTIONAL FOR DIFFERENT KEEPOUT APPLICATION.
2. 8 BOARDLOCK ADN TAB ARE OPTIONAL FOR DIFFERENT APPLICATION.
3. 9 MYLAR AND CAP ARE OPTIONAL FOR DIFFERENT APPLICATION.

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

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

NOTE:
MYLAR 1 LENGTH: L=70.0 ±1.0
MYLAR 2 LENGTH: L=128.0 ±1.0

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,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.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.15
3 PLC ±0.10
4 PLC ±-
ANGLES ±2°

MATERIAL -
FINISH -

DWN DAVID ZHAO 22APR2019
CHK -
APVD -
PRODUCT SPEC 108-115141
APPLICATION SPEC 114-115044
WEIGHT -

TE Connectivity

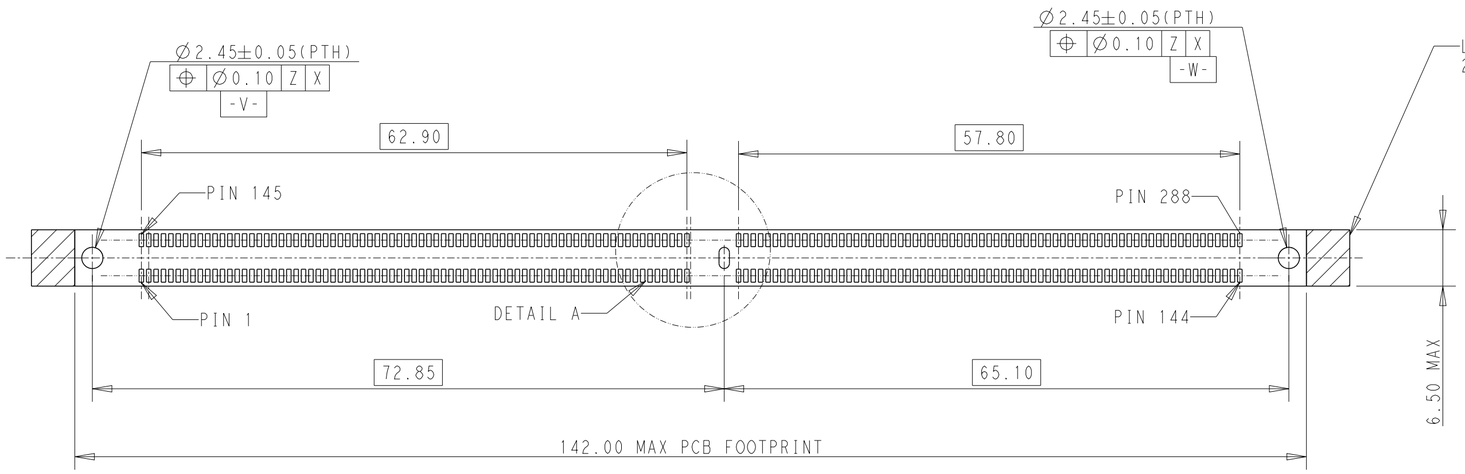
NAME SOCKET ASSEMBLY
DDR5 DIMM, SMT TYPE
0.85MM PITCH, 288 POSITION

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2355626	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 3 OF 6 | REV A1

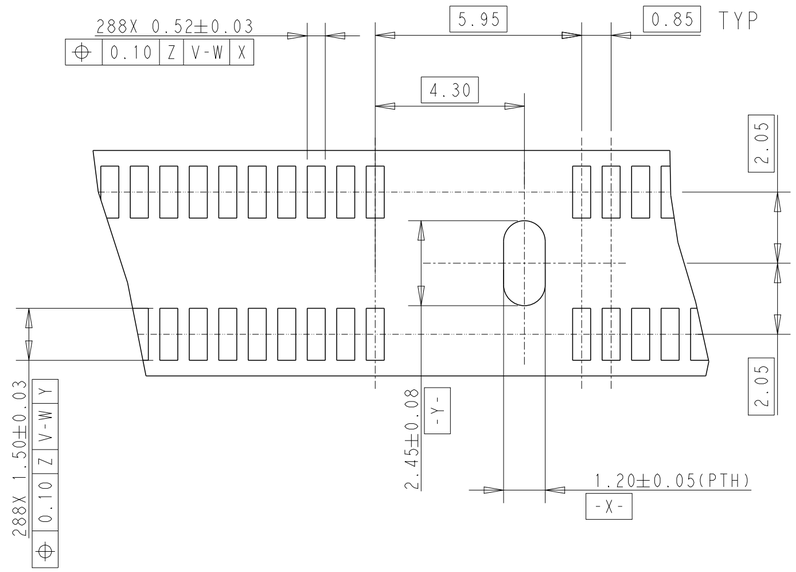
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD

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

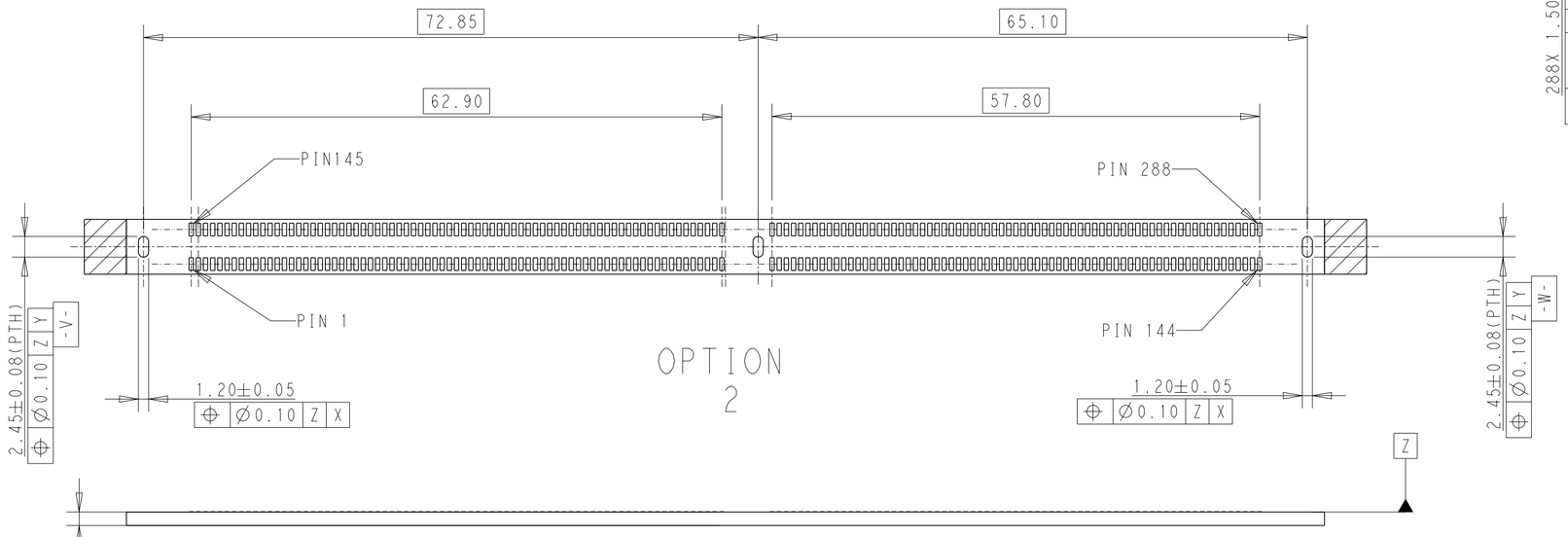


FOR SHORT LATCH,X IS 152MM MAX;
FOR MIDDLE LATCH, X IS 156MM MAX;
FOR LONG LATCH,X IS 162MM MAX;

OPTION 1



DETAIL A
SCALE 8:1



OPTION 2

RECOMMEDED PCB LAYOUT

VIEWED FROM CONNECTOR SIDE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.15
3 PLC ±0.10
4 PLC ±-
ANGLES ±2°

MATERIAL -
FINISH -

DWN 22APR2019 DAVID ZHAO
CHK -
APVD -
PRODUCT SPEC 108-115141
APPLICATION SPEC 114-115044
WEIGHT -

CUSTOMER DRAWING

TE Connectivity

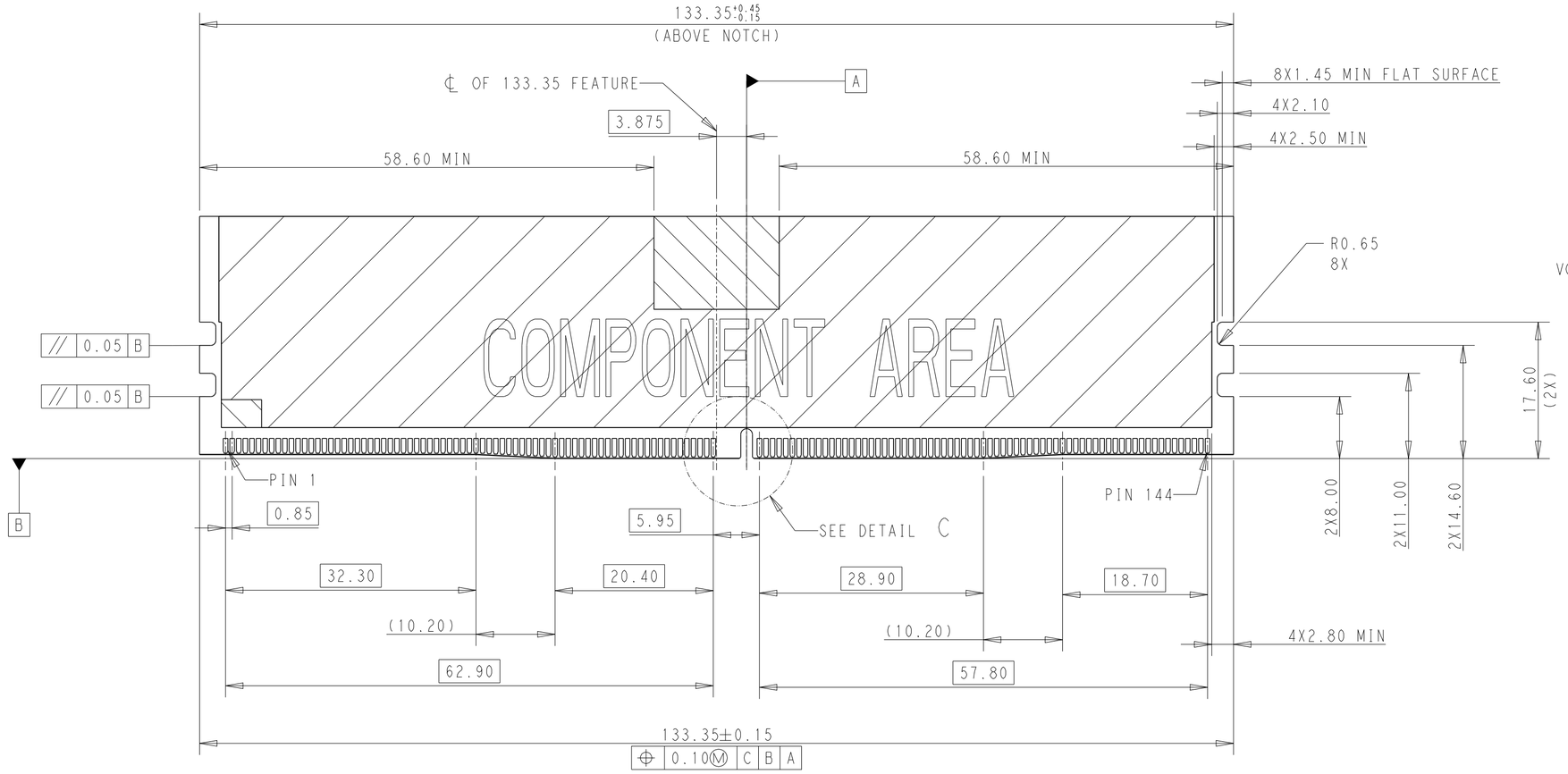
NAME SOCKET ASSEMBLY
DDR5 DIMM, SMT TYPE
0.85MM PITCH, 288 POSITION

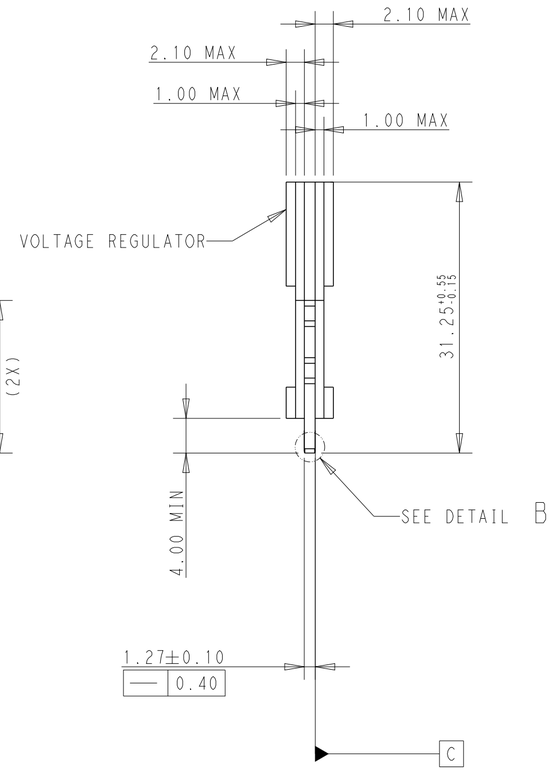
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2355626	-

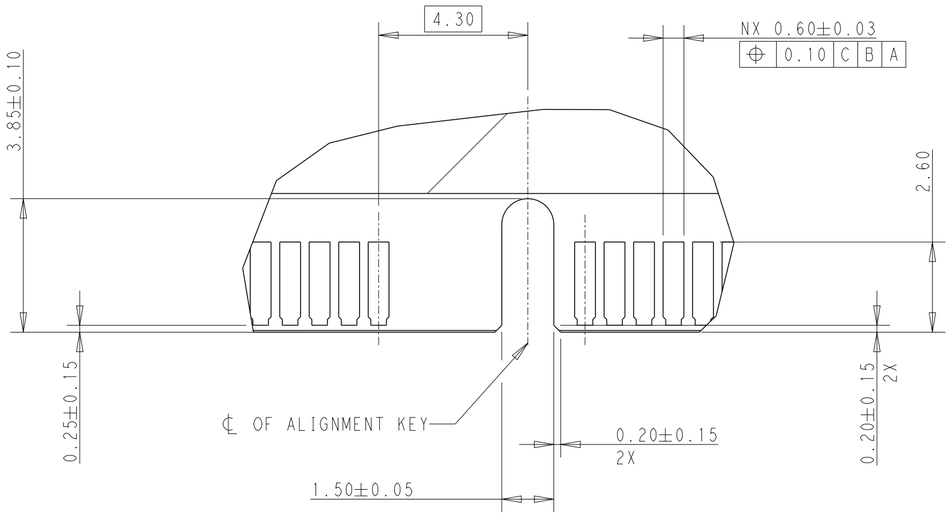
SCALE 1:1 SHEET 4 OF 6 REV A1

REVISIONS

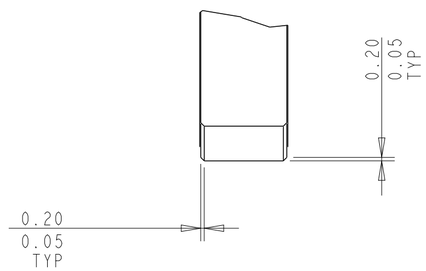
P	LTR	DESCRIPTION	DATE	DWN	APVD







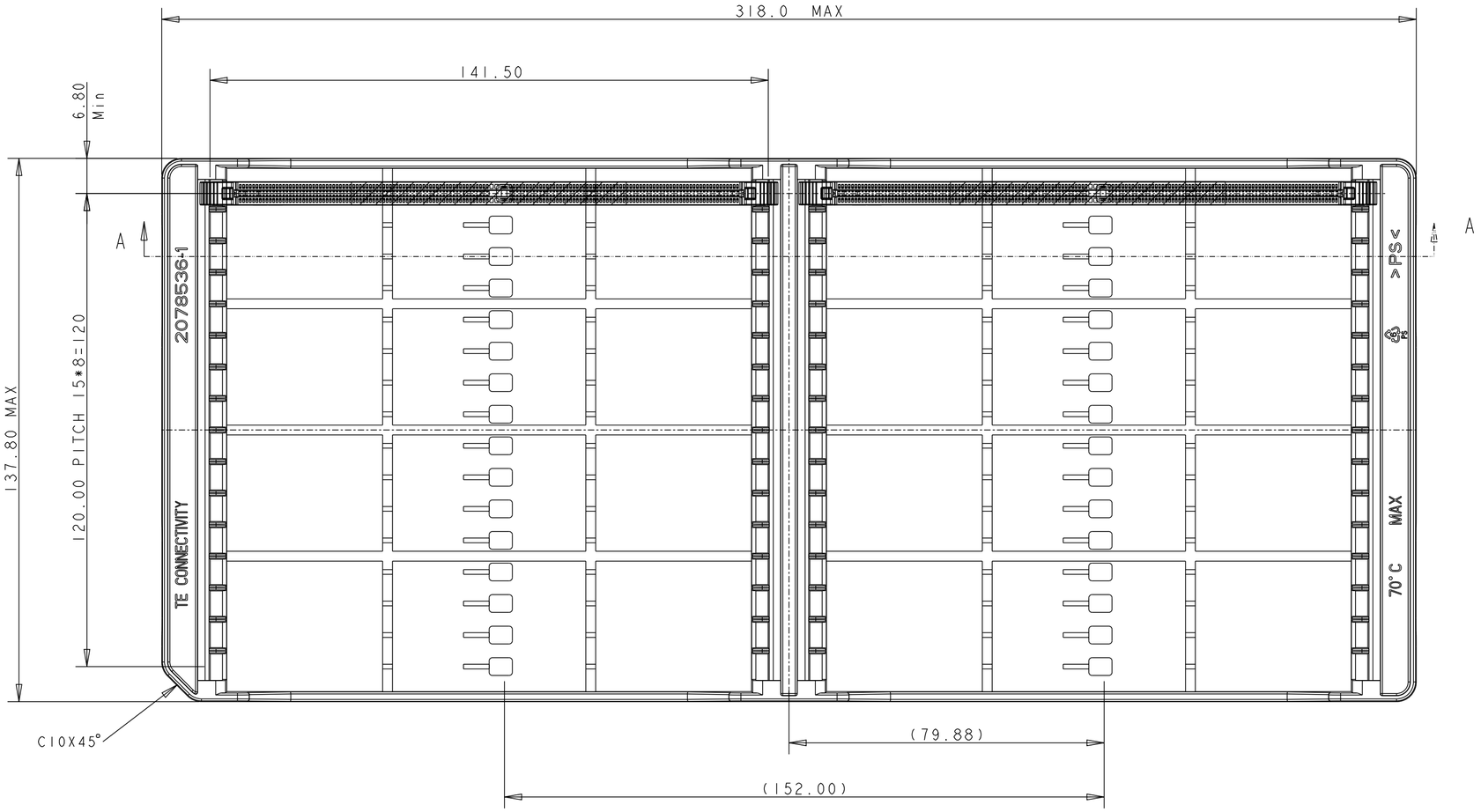
DETAIL C
SCALE 8:1

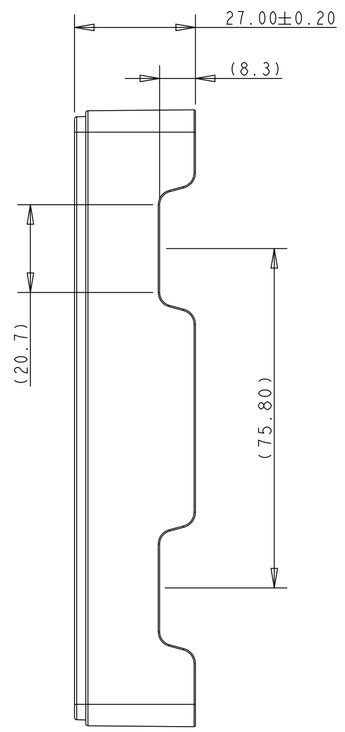


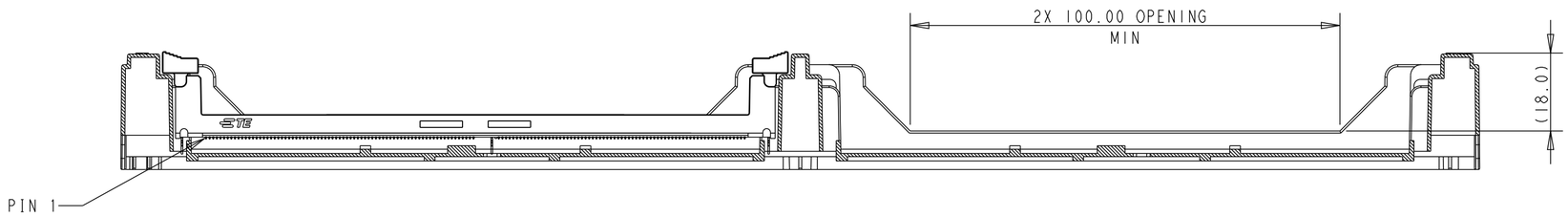
DETAIL B
SCALE 16:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DAVID ZHAO 22APR2019	TE Connectivity
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.25 2 PLC ±0.15 3 PLC ±0.10 4 PLC ±- ANGLES ±2°	CHK -	NAME SOCKET ASSEMBLY DDR5 DIMM, SMT TYPE 0.85MM PITCH, 288 POSITION
		APVD -	
		PRODUCT SPEC 108-115141	
		APPLICATION SPEC 114-115044	SIZE A2 / CAGE CODE 00779 / DRAWING NO C-2355626 / RESTRICTED TO -
MATERIAL - -	FINISH - -	WEIGHT -	
		CUSTOMER DRAWING	SCALE 1:1 / SHEET 5 OF 6 / REV A1

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD







SECTION A-A

NOTES:

1. MATERIALS :
   TRAY: HIPS, COLOR: BLACK
   BOX: CORRUGATED FIBERBOARD

2. DIMENSIONS:
   BOX: L=410;W=383;H=340

3. QUANTITY:
   32 PCS/TRAY
   640 PCS/BOX

4. WEIGHT:
   GROSS WEIGHT: 7.5KG

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

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TE Connectivity:

2-2355627-1