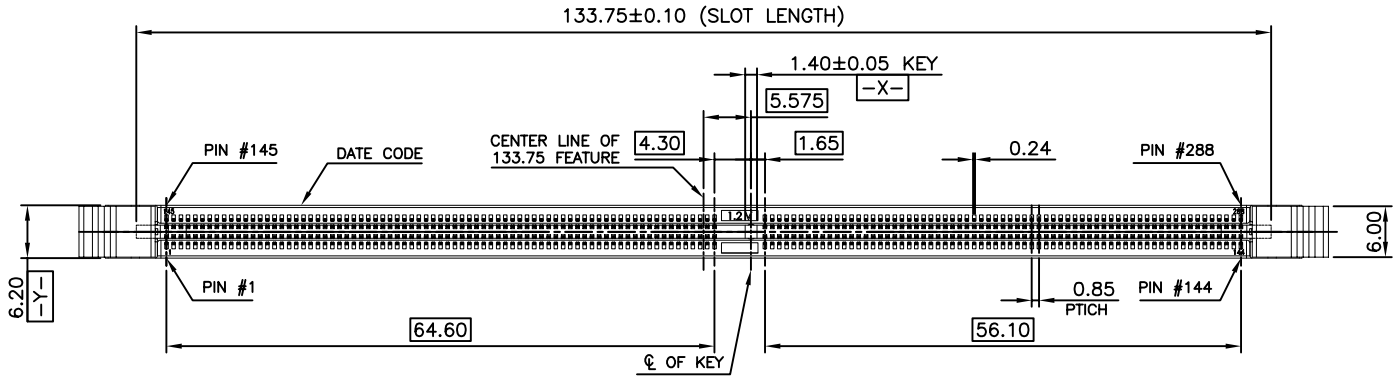
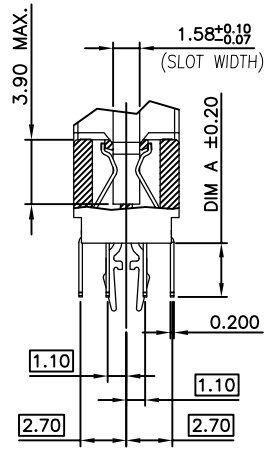
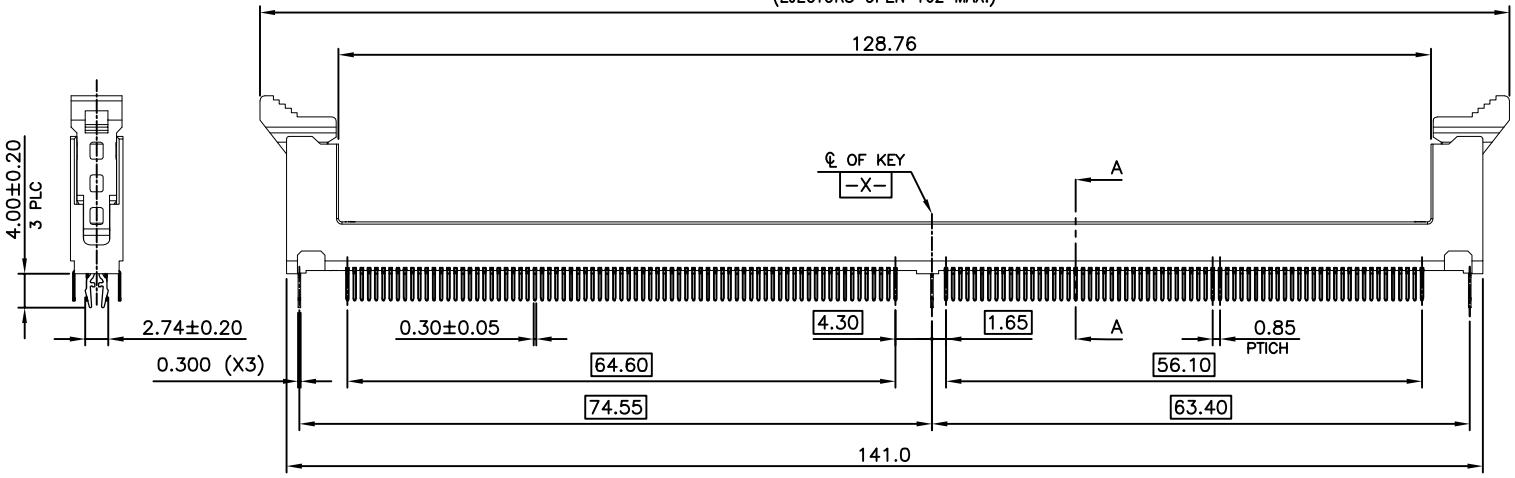
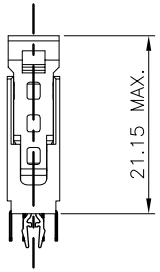
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A-A
SCALE 2:1





mat'l. code	–	surface	-
		tolerance	ASME_Y14.5
		projection	
		tolerances unless otherwise specified	
angles	±2°	linear	.0±.0.30
			.00±.0.20
			.000±.0.10
			MM
			scale N/A
dr	WINSTON_ZHU	2021-09-03	
engr	ZHENHUA_LIU	2021-09-03	
chr	MARS_LONG	2021-09-03	
appd	HEAVEN_CEN	2021-09-03	
product family	DDR		
title	DDR4_DIMM_0.85MM_PITCH MEMORY_SOCKET_T/H_TYPE		
dwg no	10144512	sheet 1 of 7	size A4
type	CUSTOMER Drawing		

ltr	ecn no	dr	date

sheet index | revision | A | sheet

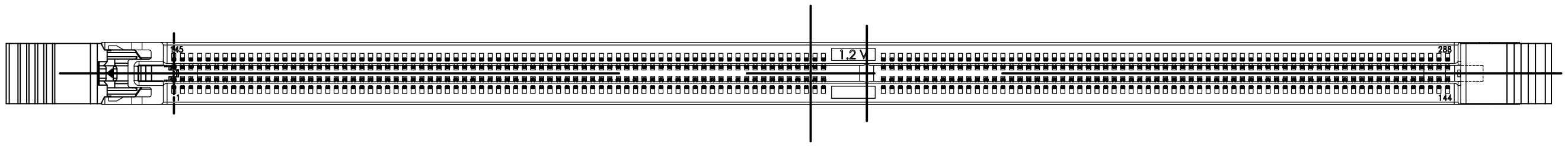
form: A4mmXLc-2016-02-24

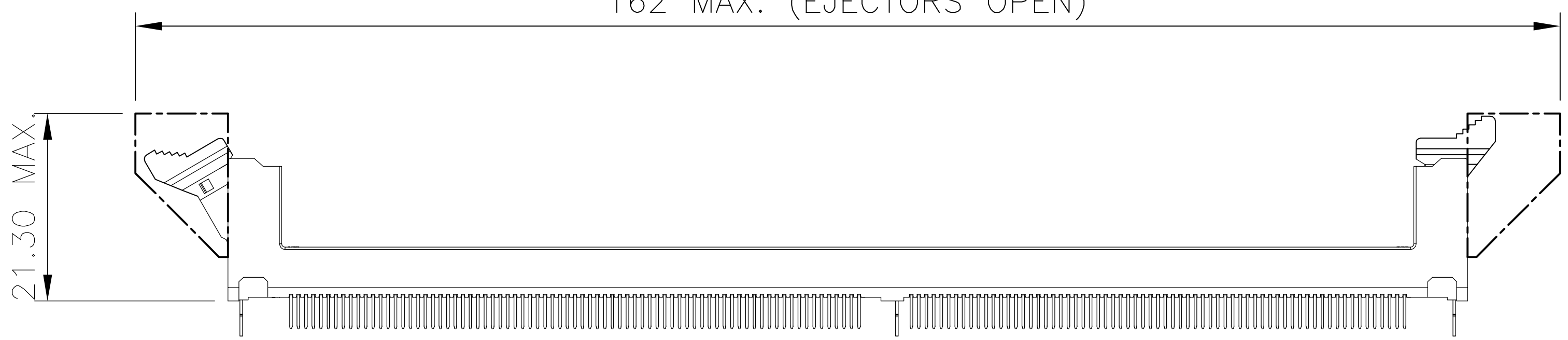
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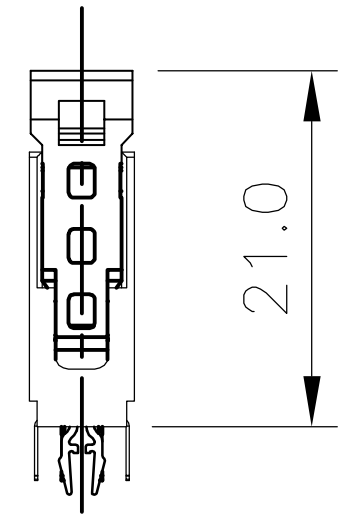
Amphenol FCi

DUAL LATCH

LONG LATCH TYPE







mat'l. code –

surface –

tolerance ASME_Y14.5

tolerances unless otherwise specified

angles ±2°

linear .0±0.30 .00±0.20 .000±0.10

projection

MM

scale N/A

product family DDR

title DDR4_DIMM_0.85MM_PITCH MEMORY_SOCKET_T/H_TYPE

ltr	ecn no	dr	date

dr	WINSTON_ZHU	2021-09-03
engr	ZHENHUA_LIU	2021-09-03
chr	MARS_LONG	2021-09-03
appd	HEAVEN_CEN	2021-09-03

Amphenol FCi

dwg no 10144512

sheet 2 of 7

size A4

type CUSTOMER Drawing

sheet index

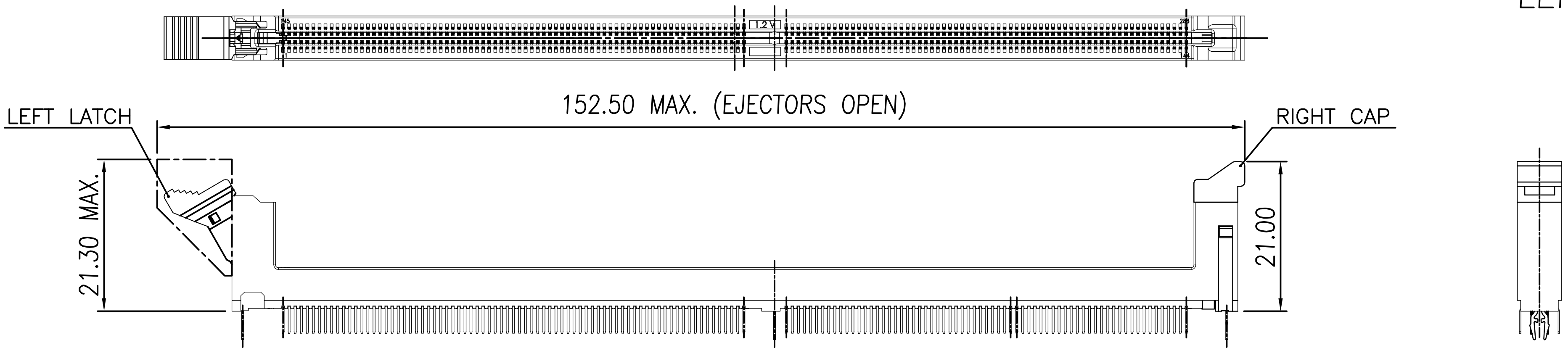
revision sheet A

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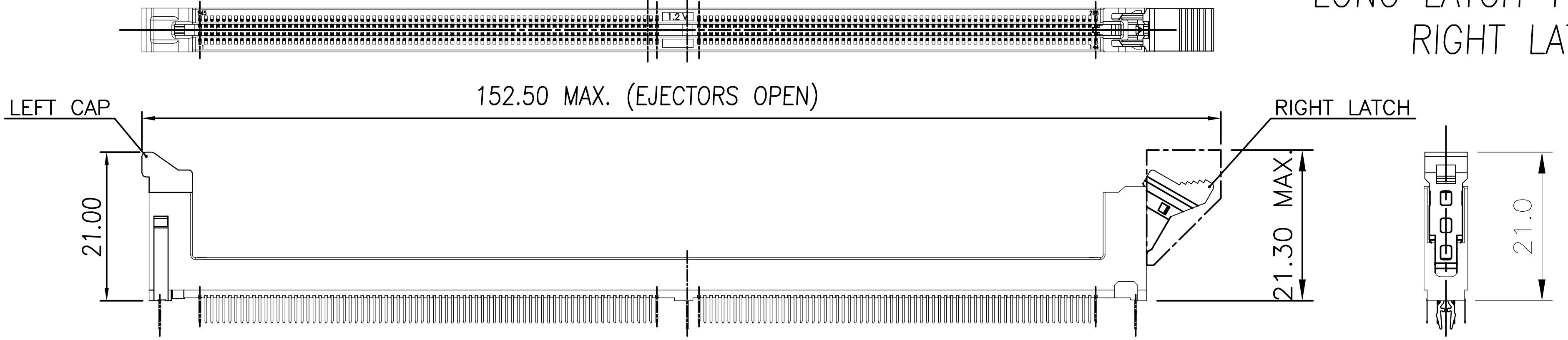
Amphenol FCi

SINGLE LATCH

LONG LATCH TYPE LEFT LATCH



LONG LATCH TYPE RIGHT LATCH

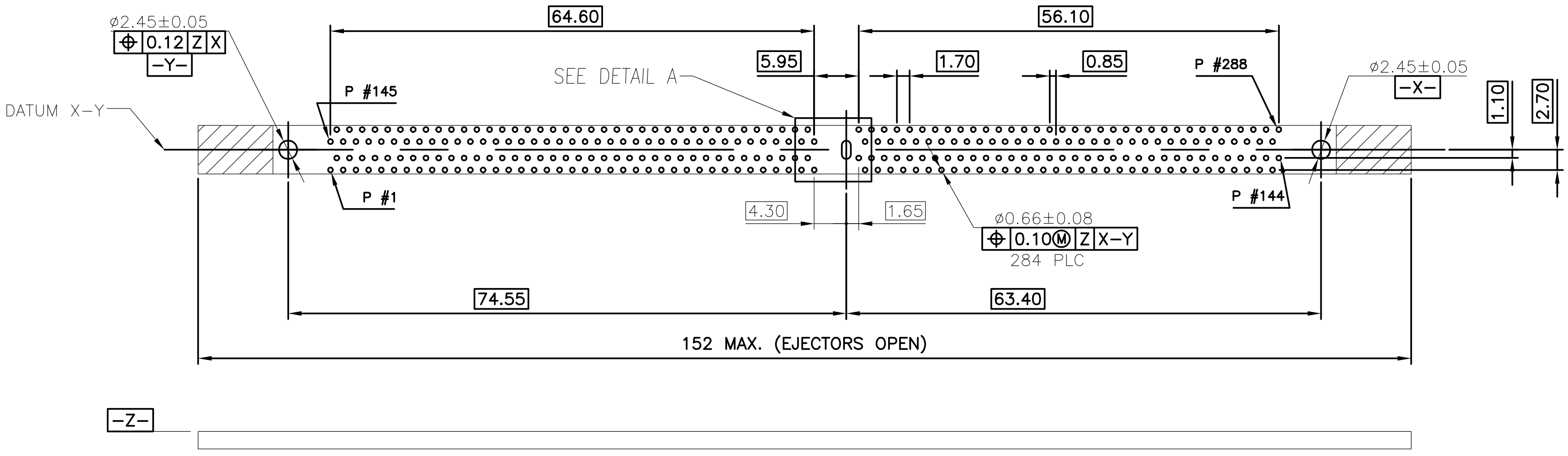


mat'l. code: –	surface: –	tolerance: ASME_Y14.5	projection
ltr / ecn no / dr / date	tolerances unless otherwise specified		MM
	angles ±2°	linear .0±0.30 / .00±0.20 / .000±0.10	scale N/A
dr	WINSTON_ZHU	2021-09-03	
engr	ZHENHUA_LIU	2021-09-03	
chr	MARS_LONG	2021-09-03	
appd	HEAVEN_CEN	2021-09-03	

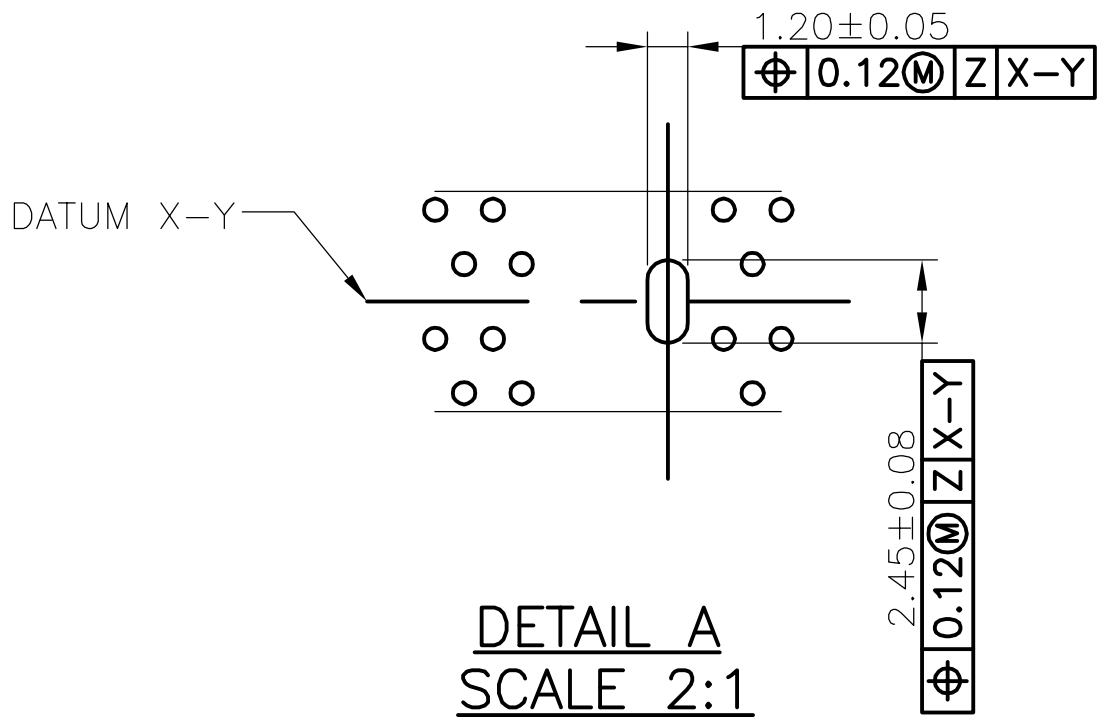
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title	DDR4_DIMM_0.85MM_PITCH MEMORY_SOCKET_T/H_TYPE
dwg no	10144512
sheet	3 of 7
size	A4
type	CUSTOMER Drawing
sheet index	
revision sheet	A

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RECOMMENDED PCB LAYOUT (TOP VIEW)

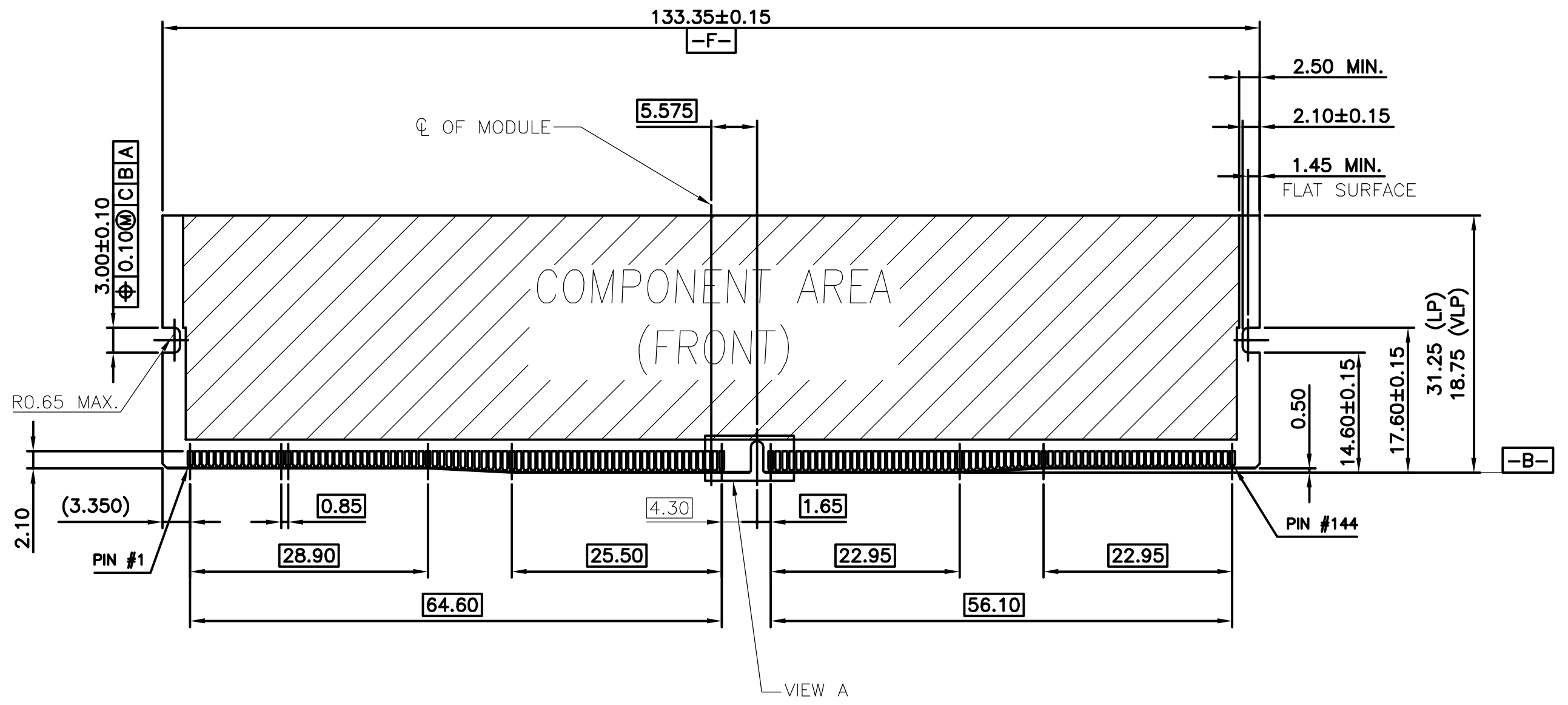


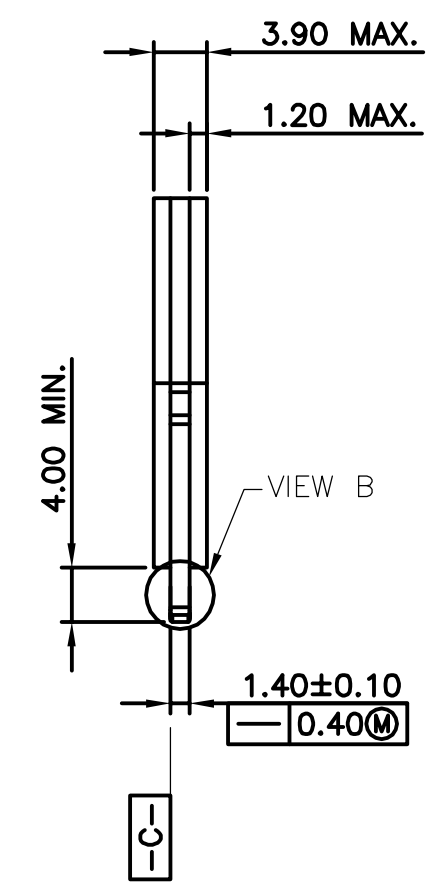
DETAIL A
SCALE 2:1

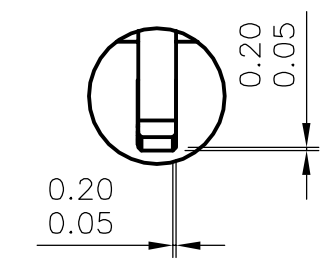
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ltr / ecn no / dr / date	tolerances unless otherwise specified		MM	title: DDR4_DIMM_0.85MM_PITCH MEMORY_SOCKET_T/H_TYPE	
	angles ±2°	linear .0±0.30 / .00±0.20 / .000±0.10	scale N/A		
	dr	WINSTON_ZHU	2021-09-03	dwg no: 10144512	sheet 4 of 7 / size A4
	engr	ZHENHUA_LIU	2021-09-03		
	chr	MARS_LONG	2021-09-03		
	appd	HEAVEN_CEN	2021-09-03	type: CUSTOMER Drawing	
sheet index	revision sheet: A				

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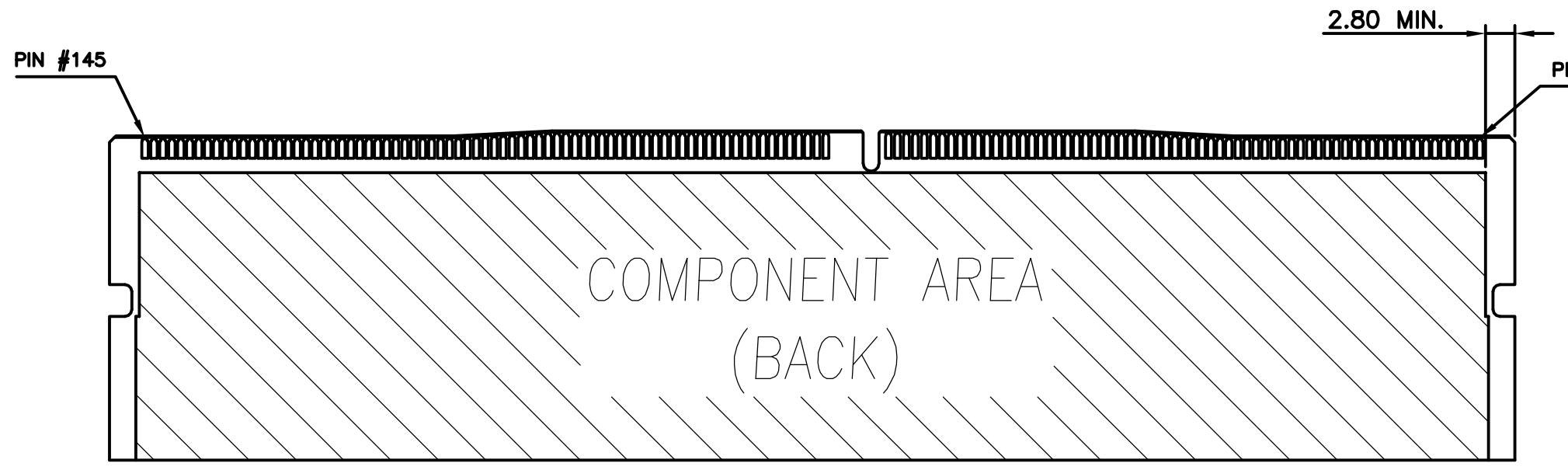
Amphenol FCi

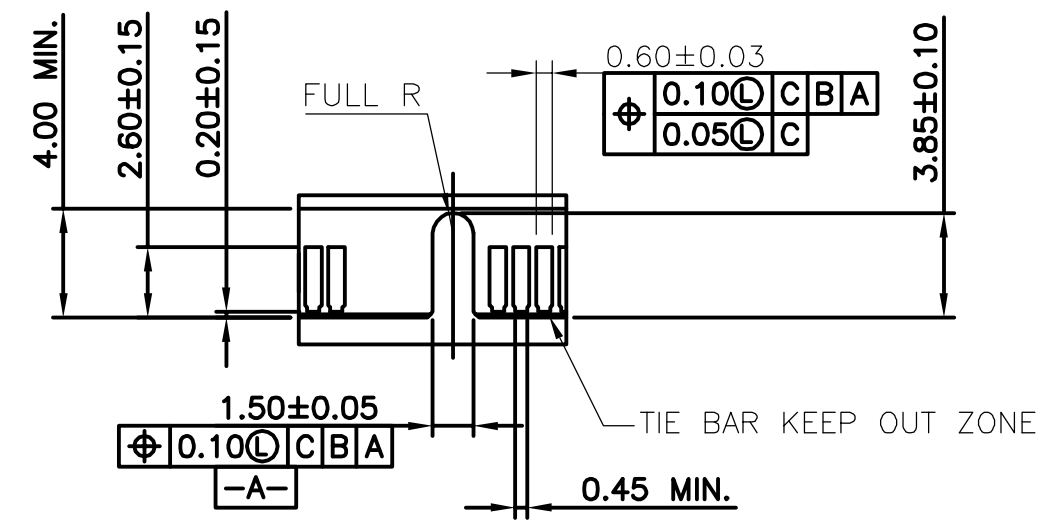






VIEW B
SCALE 2:1





VIEW A
SCALE 2:1

mat'l. code	surface	tolerance	projection	product family
—	- √	ASME_Y14.5	⌖ ◁	DDR

ltr	ecn no	dr	date

tolerances unless otherwise specified

angles ±2°	linear	
		.0±0.30
		.00±0.20
		.000±0.10

MM
scale N/A

title: DDR4_DIMM_0.85MM_PITCH MEMORY_SOCKET_T/H_TYPE

dr	WINSTON_ZHU	2021-09-03
engr	ZHENHUA_LIU	2021-09-03
chr	MARS_LONG	2021-09-03
appd	HEAVEN_CEN	2021-09-03

Amphenol FCi

dwg no: 10144512 — sheet 5 of 7 — size A4

type: CUSTOMER Drawing

sheet index | revision sheet | A

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Amphenol FCI

PART NO.:

10144512- X XX X 1 1 3 LF

- LATCH TYPE
  - D: DUAL LATCH
  - L: LEFT LATCH
  - R: RIGHT LATCH
- CONTACT AREA PLATING
  - 15: 15u" GOLD
  - 30: 30u" GOLD
- SOLDERTAIL LENGTH
- HOUSING COLOR
  - 1: BLACK
- LATCH COLOR
  - 1: BLACK
- PACKING OPTIONS
  - 3: TRAY
- Lead Free

NOTES:

1. MATERIAL :
   - 1.1 HOUSING: HIGH PERFROMANCE RESINS, GLASS FILBER, UL94 V-0, RATED.
   - 1.2 LATCH: HIGH PERFROMANCE RESINS, GLASS FILBER, UL94 V-0, RATED.
   - 1.3 CONTACTS: COPPER ALLOY.
   - 1.4 BOARDLOCKS: STAINLESS STEEL.
2. FINISH :
   - 2.1 CONTACT
     - 0.76um [30u"] GOLD PLATING ON THE CONTACT AREA.
     - 2.54um [100u"] MIN. MATTE-TIN PLATING ON THE SOLDERING AREA.
     - 1.27um [50u"] MIN. NICKEL UNDERPLATING OVERALL.
3. DATE CODE : YYWWD
4. CHAMFER EDGE MUST BE FREE OF CUTTING BURRS.
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 245C° PEAK TEMPERATURE FOR 10 SECONDS IN WAVE SOLDER APPLICATION WITH A 1.6mm MINIMUM THICK CIRCUIT BOARD

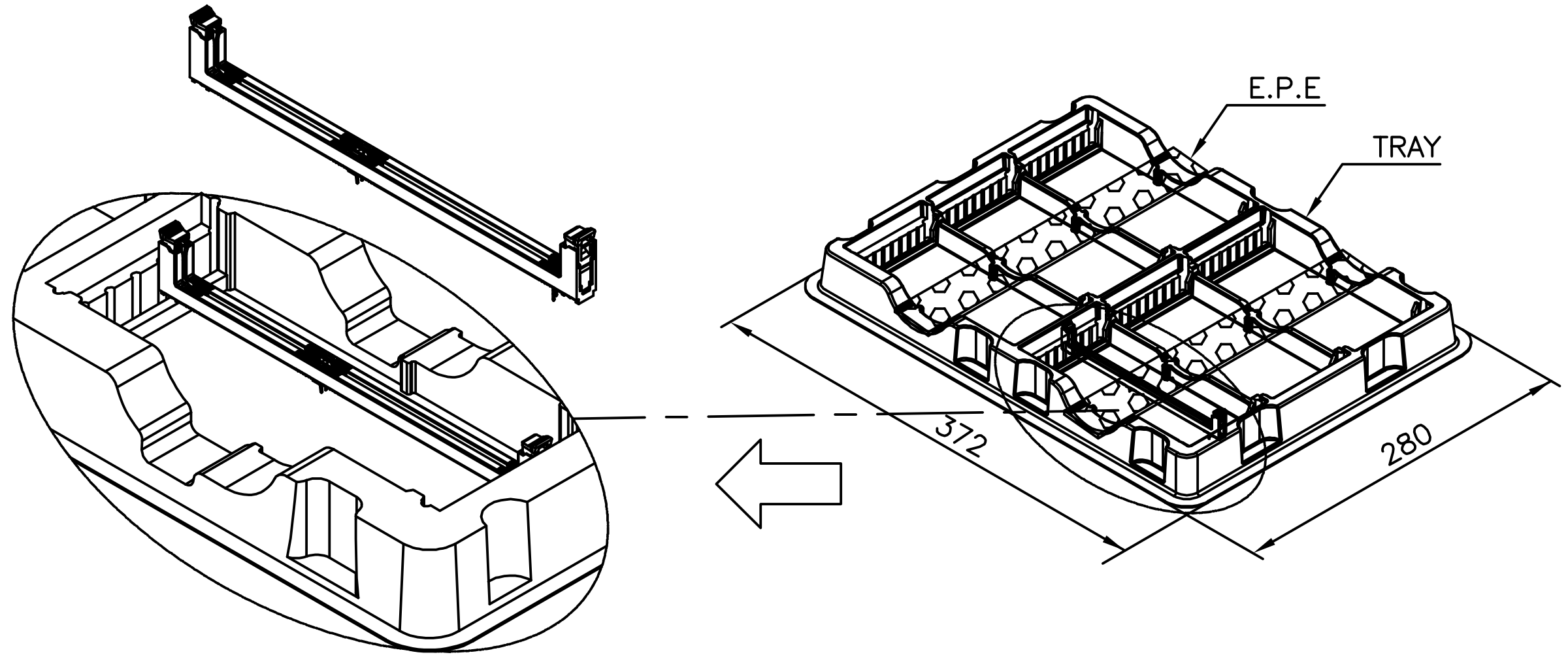
P/N	DIM A
1	2.40
2	2.67
3	2.10

mat'l. code: -	surface: -	tolerance: ASME_Y14.5	projection
ltr / ecn no / dr / date	tolerances unless otherwise specified		
	angles: ±2°	linear: .0±.0.30 / .00±.0.20 / .000±.0.10	MM
			scale N/A
	dr: WINSTON_ZHU 2021-09-03		
	engr: ZHENHUA_LIU 2021-09-03		Amphenol FCI
	chr: MARS_LONG 2021-09-03		
	appd: HEAVEN_CEN 2021-09-03		
sheet index / revision sheet: A			

product family	DDR
title	DDR4_DIMM_0.85MM_PITCH MEMORY_SOCKET_T/H_TYPE
dwg no	10144512
sheet	6 of 7
size	A4
type	CUSTOMER Drawing

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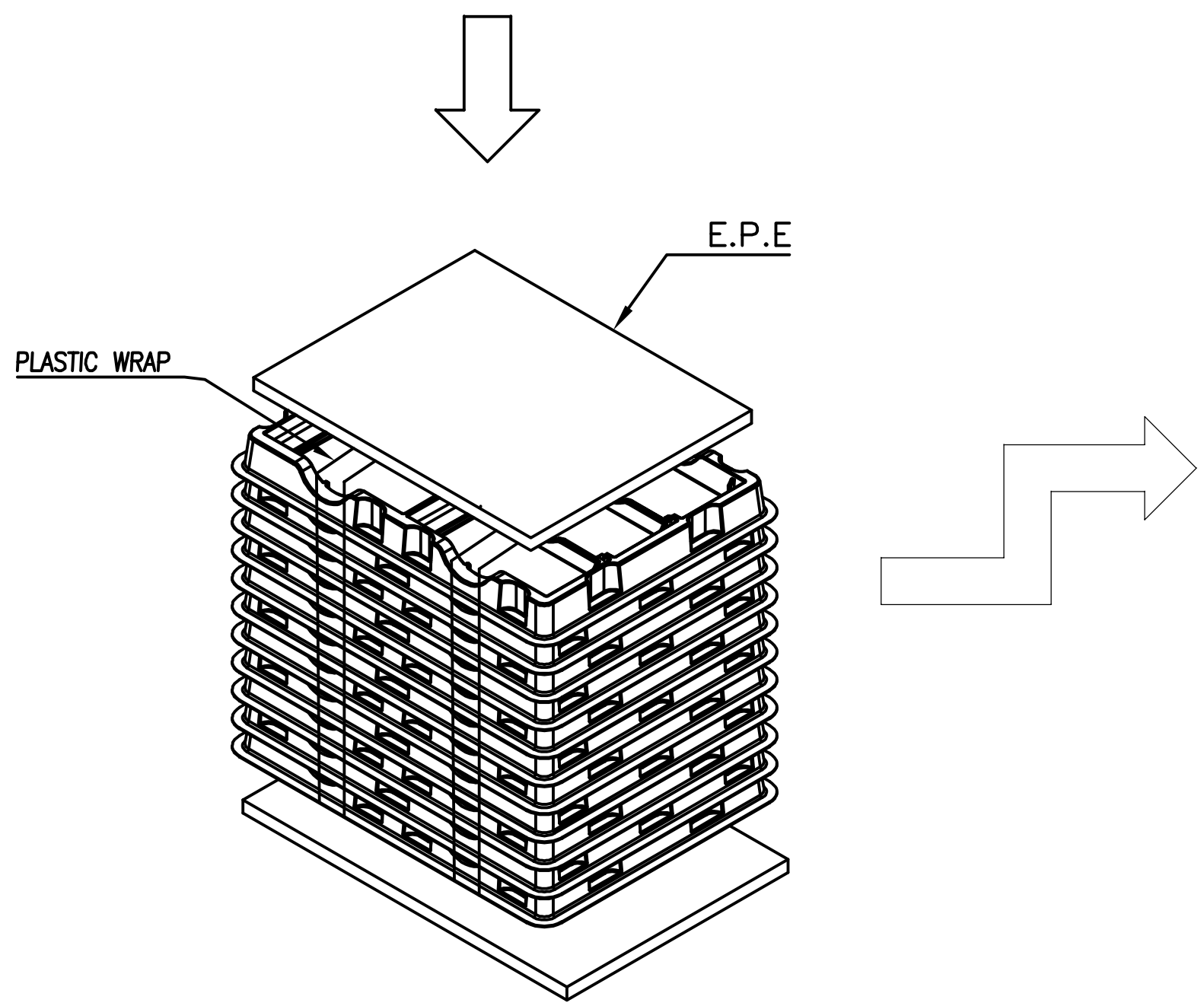
Amphenol FCi

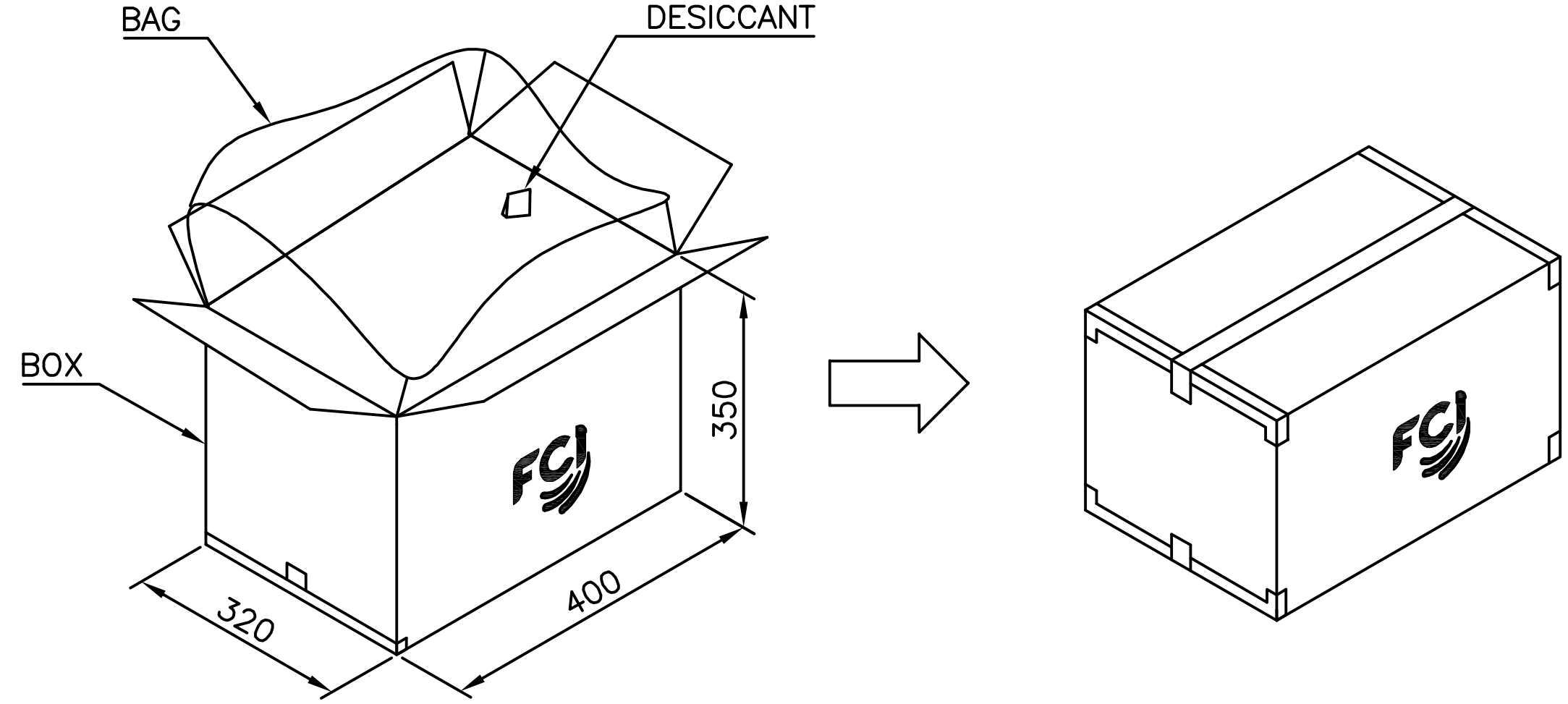


NOTES :

1. MATERIAL :
   - TRAY: PVC, COLOR: TRANSPARENT.
   - BOX: CORRUGATED FIBER
   - TRANSPARENT BAG: PE, SIZE: 600mm*450mm*0.06mm

PCS/ TRAY	TRAY/ BOX	PCS/ BOX	NET WEIGHT	GROSS WEIGHT
54	11	540	4.2 KG	7.2 KG





mat'l. code –	surface –	tolerance ASME_Y14.5	projection	product family	DDR
ltr / ecn no / dr / date	tolerances unless otherwise specified			title	DDR4_DIMM_0.85MM_PITCH MEMORY_SOCKET_T/H_TYPE
	angles ±2°	linear .0±0.30 / .00±0.20 / .000±0.10	MM / scale N/A		
	dr	WINSTON_ZHU	2021-09-03	dwg no	10144512
	engr	ZHENHUA_LIU	2021-09-03	sheet 7 of 7	size A4
	chr	MARS_LONG	2021-09-03		
	appd	HEAVEN_CEN	2021-09-03	type	CUSTOMER Drawing
sheet index	revision sheet	A			

form: A4mmXLc-2016-02-24

PDS: Rev :A STATUS:Released Printed: Nov 01, 2021