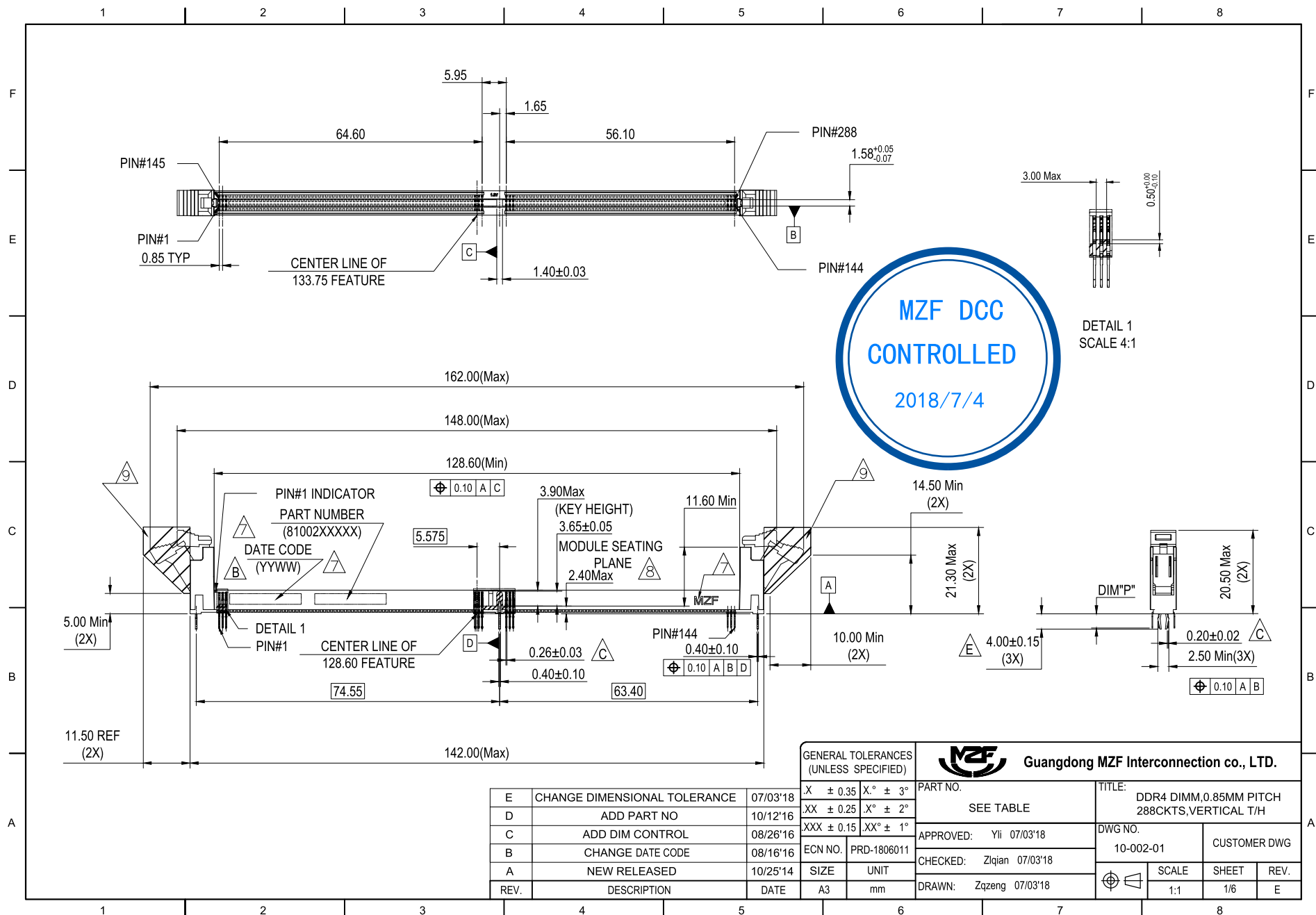




NOTES:

1.MATERIAL:

1-1. HOUSING:

HALOGEN FREE HIGH TEMP POLYAMIDE, GLASS FILLED, UL94V-0.
COLOUR: SEE TABLE ON SHEET 5.

1-2. LATCH:

HALOGEN FREE HIGH TEMP POLYAMIDE, GLASS FILLED, UL94V-0.
COLOUR: SEE TABLE ON SHEET 5.

1-3. TERMINAL: COPPER ALLOY.

1-4. FORKLOCK: COPPER ALLOY.

2.ELECTRICAL CHARACTERISTICS:

2-1. CONTACT CURRENT RATING: 1.00 AMPS/PIN Max.

2-2. INSULATION RESISTANCE: 1 MΩ Min. AT 500 VDC.

2-3. DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC AT SEA LEVEL.

2-4. LOW LEVEL CONTACT RESISTANCE (DRY CIRCUIT)
INITIAL: 10 mΩ Max.

3.MECHANICAL CHARACTERISTICS:

3-1. CONTACT RETENTION FORCE: 0.3Kgf MIN. PER PIN.

3-2. DURABILITY: 25 CYCLES.

3-3. UNMATING FORCE (PER CONTACT PAIR): 2.02Kgf Min(14gf PER PIN PAIR Min).

3-4. INSERTION FORCE OF MODULE INTO CONNECTOR: 106.8N Max.

3-5. INSERTION FORCE OF CONNECTOR INTO PCB (WITH THREE BOARD LOCKS): 75N Max.

4.ENVIRONMENTAL CHARACTERISTICS:

4-1. SOLDERABILITY: PASSED PER EIA-364-52.

4-2. VIBRATION: PASSED PER EIA-364-28.

4-3. HUMIDITY: PASSED PER EIA-364-31.

4-4. THERMAL SHOCK: PASSED PER EIA-364-32.

4-5. OPERATING TEMPERATURE: -55°C TO +85°C.

5.PACKAGING SPECIFICATION: PRODUCT SHALL BE PACKED IN TRAY.

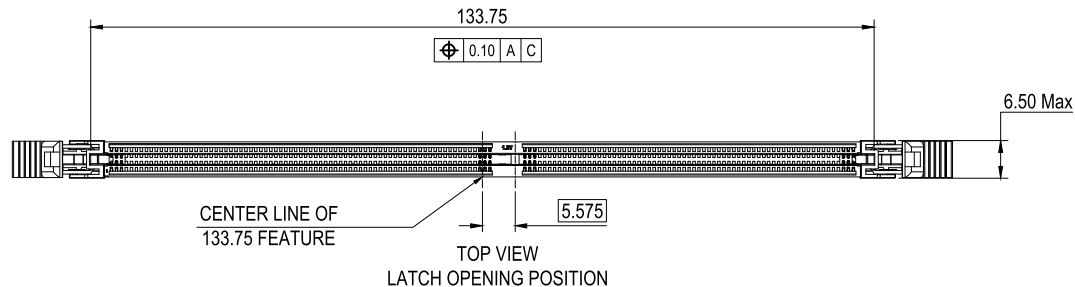
6.CARD SLOT ACCEPTS 1.40±0.10MM MODULE THICKNESS(MEASURED OVER P.C PADS).

7.MZF LOGO, DATE & PART NO. INDICATED ON HOUSING.

8.MODULE SEATING PLANE.

9.KEEP OUT ZONE RESERVED FOR LATCH.

10.KEEP OUT AREA IS THE WHERE THE CONNECTOR
(INCLUDES LATCHES IN OPENING POSITION)
IS MOUNTED ON THE PCB.



PRODUCT NOMENCLATURE:

PRODUCT NO: 8 - 1 - XXX - X - X - X - X - X

FINISHED

PRODUCT SERIES

PRODUCT CODE

WATER CODE

0 = T/H
1 = SMT
2 = PRESS FIT

1 = MZF LOGO
2 = NO LOGO

CONTACT AREA GOLD PLATING
5 = GOLD FLASH
6 = 15 u"
7 = 30 u"

PLASTIC COLOUR+RECEPTACLE
CONNECTOR
3 = BLACK+WHITE
4 = BLUE+WHITE
5 = BLACK
6 = OFF-WHITE
7 = BLUE
8 = YELLOW



GENERAL TOLERANCES
(UNLESS SPECIFIED)

X	± 0.35	X° ± 3°
XX	± 0.25	.X° ± 2°
XXX	± 0.15	.XX° ± 1°
ECN NO.	PRD-1806011	
SIZE	UNIT	
A3	mm	



Guangdong MZF Interconnection co., LTD.

PART NO.

SEE TABLE

APPROVED: Yli 07/03'18

CHECKED: Zlqian 07/03'18

DRAWN: Zqzeng 07/03'18

TITLE:

DDR4 DIMM, 0.85MM PITCH
288CKTS, VERTICAL T/H

DWG NO.

10-002-01

CUSTOMER DWG

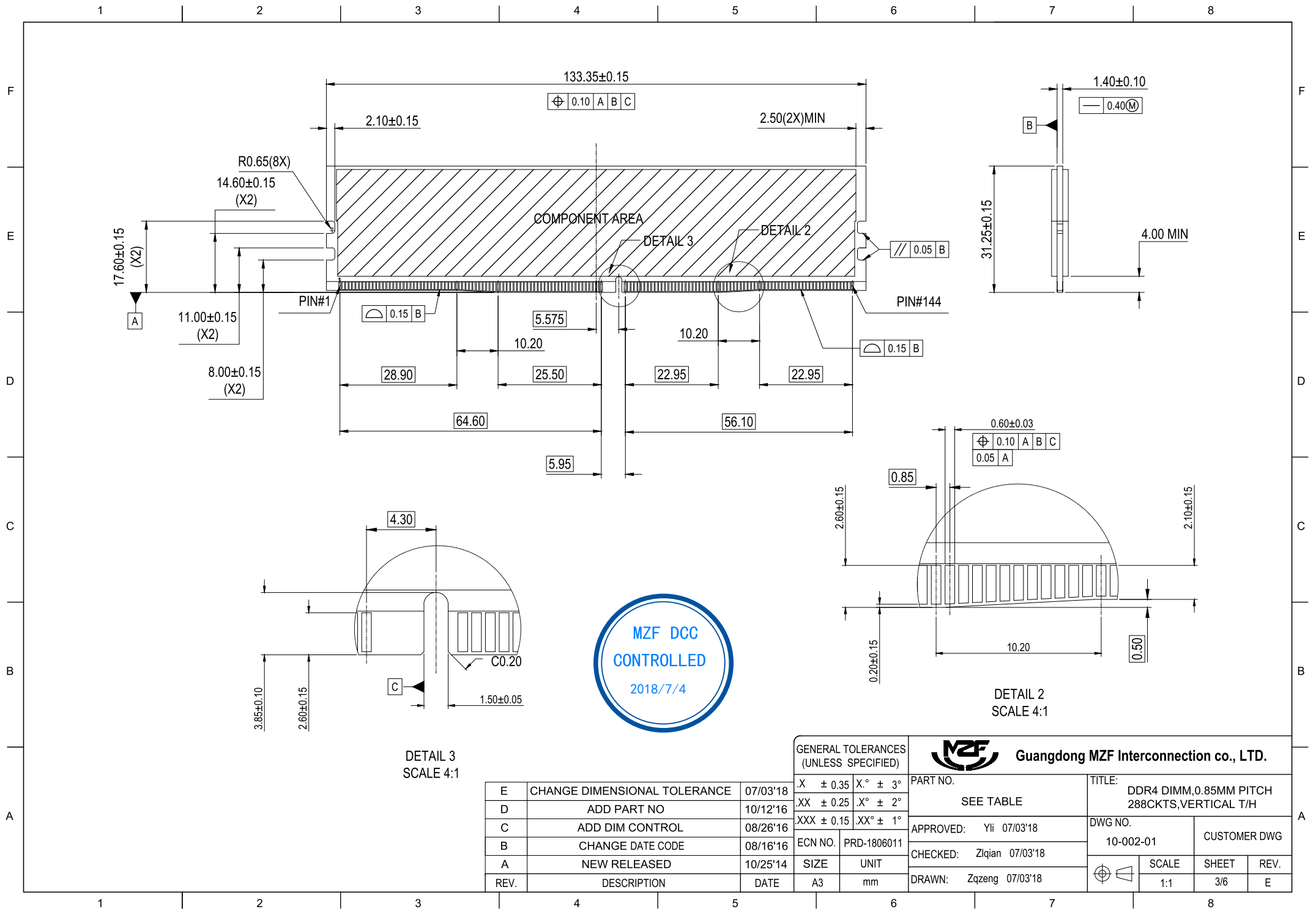


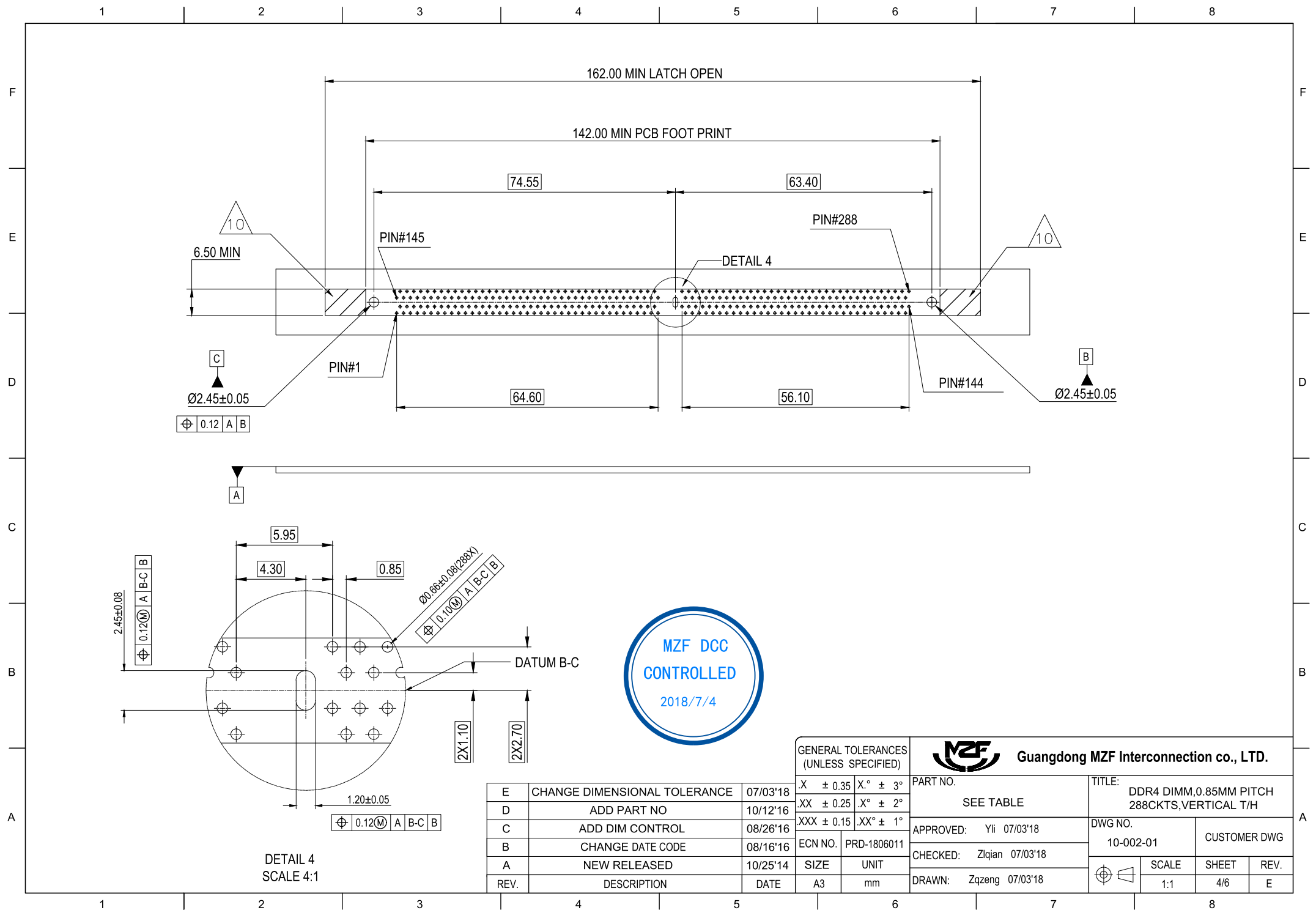
SCALE
1:1

SHEET
2/6

REV.
E

E	CHANGE DIMENSIONAL TOLERANCE	07/03'18
D	ADD PART NO	10/12'16
C	ADD DIM CONTROL	08/26'16
B	CHANGE DATE CODE	08/16'16
A	NEW RELEASED	10/25'14
REV.	DESCRIPTION	DATE





	1	2	3	4	5	6	7	8	
F									F
E									E
D									D
C									C
B									B
A									A

CKT SIZE	ASSEMBLY PART NO.	HOUSING COLOUR	LATCH COLOUR	DIM "P"	RECOMMENDED PCB THICKNESS	PLATING OPTION	
						TERMINAL	FORKLOCK
288	8100237101	(BLACK)	(WHITE)	2.10	1.57	0.76um/30u" GOLD ON CONTACT 2.54um/100u" MIN TIN ON SOLDERTAILS 1.27um/50u" MIN NICKEL UNDERPLATE	1um/40u" MIN TIN OVERALL (PRE-PLATED)
	8100237102			2.40	1.57		
	8100237103			2.67	1.57		
	8100237104			3.18	2.36		
	8100237105			3.50	3.00		
	8100247101	(BLUE)	(WHITE)	2.10	1.57		
	8100247102			2.40	1.57		
	8100247103			2.67	1.57		
	8100247104			3.18	2.36		
	8100247105			3.50	3.00		
	8100257101	(BLACK)	(BLACK)	2.10	1.57		
	8100257102			2.40	1.57		
	8100257103			2.67	1.57		
	8100257104			3.18	2.36		
	8100257105			3.50	3.00		
	8100267101	(OFF-WHITE)	(OFF-WHITE)	2.10	1.57		
	8100267102			2.40	1.57		
	8100267103			2.67	1.57		
	8100267104			3.18	2.36		
	8100267105			3.50	3.00		
	8100277101	(BLUE)	(BLUE)	2.10	1.57		
	8100277102			2.40	1.57		
	8100277103			2.67	1.57		
	8100277104			3.18	2.36		
	8100277105			3.50	3.00		
	8100287101	(YELLOW)	(YELLOW)	2.10	1.57		
	8100287102			2.40	1.57		
	8100287103			2.67	1.57		
8100287104	3.18			2.36			
8100287105	3.50			3.00			

MZF DCC
CONTROLLED
2018/7/4

E	CHANGE DIMENSIONAL TOLERANCE	07/03'18
D	ADD PART NO	10/12'16
C	ADD DIM CONTROL	08/26'16
B	CHANGE DATE CODE	08/16'16
A	NEW RELEASED	10/25'14
REV.	DESCRIPTION	DATE

GENERAL TOLERANCES (UNLESS SPECIFIED)		PART NO.		TITLE:	
.X ± 0.35	X.° ± 3°	SEE TABLE		DDR4 DIMM,0.85MM PITCH 288CKTS,VERTICAL T/H	
.XX ± 0.25	.X° ± 2°			DWG NO.	
.XXX ± 0.15	.XX° ± 1°			10-002-01	
ECN NO.	PRD-1806011	APPROVED: Yli 07/03'18		CUSTOMER DWG	
SIZE	UNIT	CHECKED: Ziqian 07/03'18			
A3	mm	DRAWN: Zqzeng 07/03'18			

SCALE

1:1

SHEET

5/6

REV.

E

