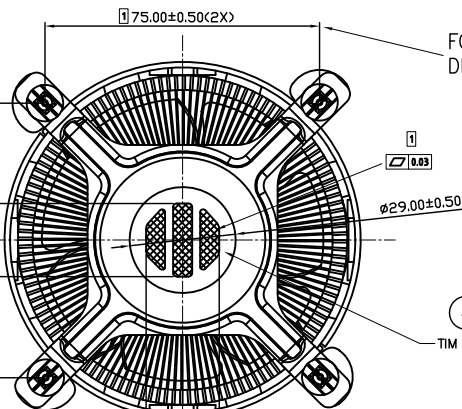
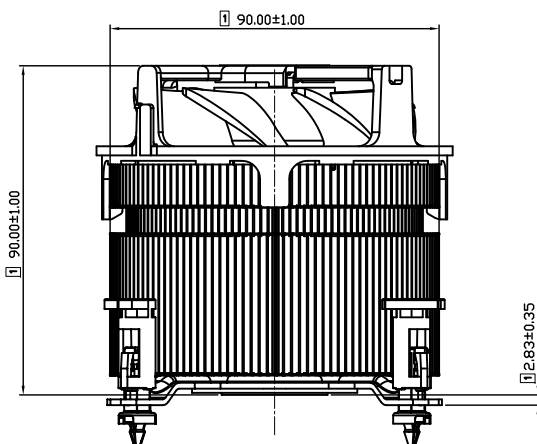
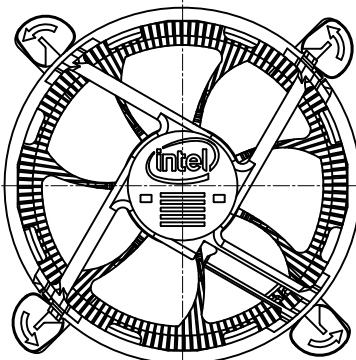


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FOR X-CLIP HOLE
DISTANCE④ 1
TIM WEIGHT: 112.5mg+/-20mgFOR X-CLIP HOLE
DISTANCE

1

2

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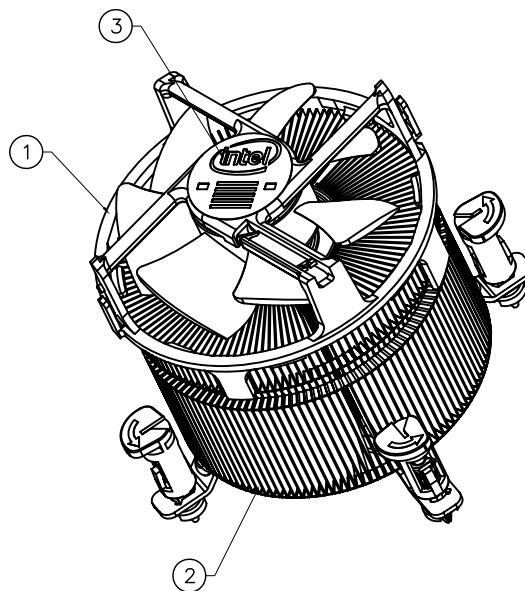
4

FAN HEATSINK ASSEMBLY SPECIFICATION

FAN TYPE	LINERLY VARIABLE, DC
MASS	448 GRAMS
SOUND LEVEL	5.0 BA @ 3800 RPM NOM.

NOTE

① CRITICAL TO FUNCTION DIMENSION.



4	TIM	TC-5630	1	DTC-DAK09-03
3	Lable	---	1	---
2	HeatSink ASSY	---	1	DTC-DAK09-02
1	Fan ASSY.	---	1	DTC-DAK09-01
Part	Description	Material	Qty	Remark

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DIMENSIONAL TOLERANCES

()	(V)	()
<30	±0.25	DECIMALS
>30~100	±0.35	X
>100~300	±0.5	XX
ABOVE 300	±0.6	XXX

HOLES : ±0.05 ANGLES : ±0.5°

UP~100	±0.2	250~300	±0.4	UP~600	±1.5
100~150	±0.25	300~350	±0.45	600~900	±2.4
150~200	±0.3	350~400	±0.5	900~OVER	±3.1
200~250	±0.35				

A3
SIZE

Drawn: Reek.Li

Checked: Charles Chen

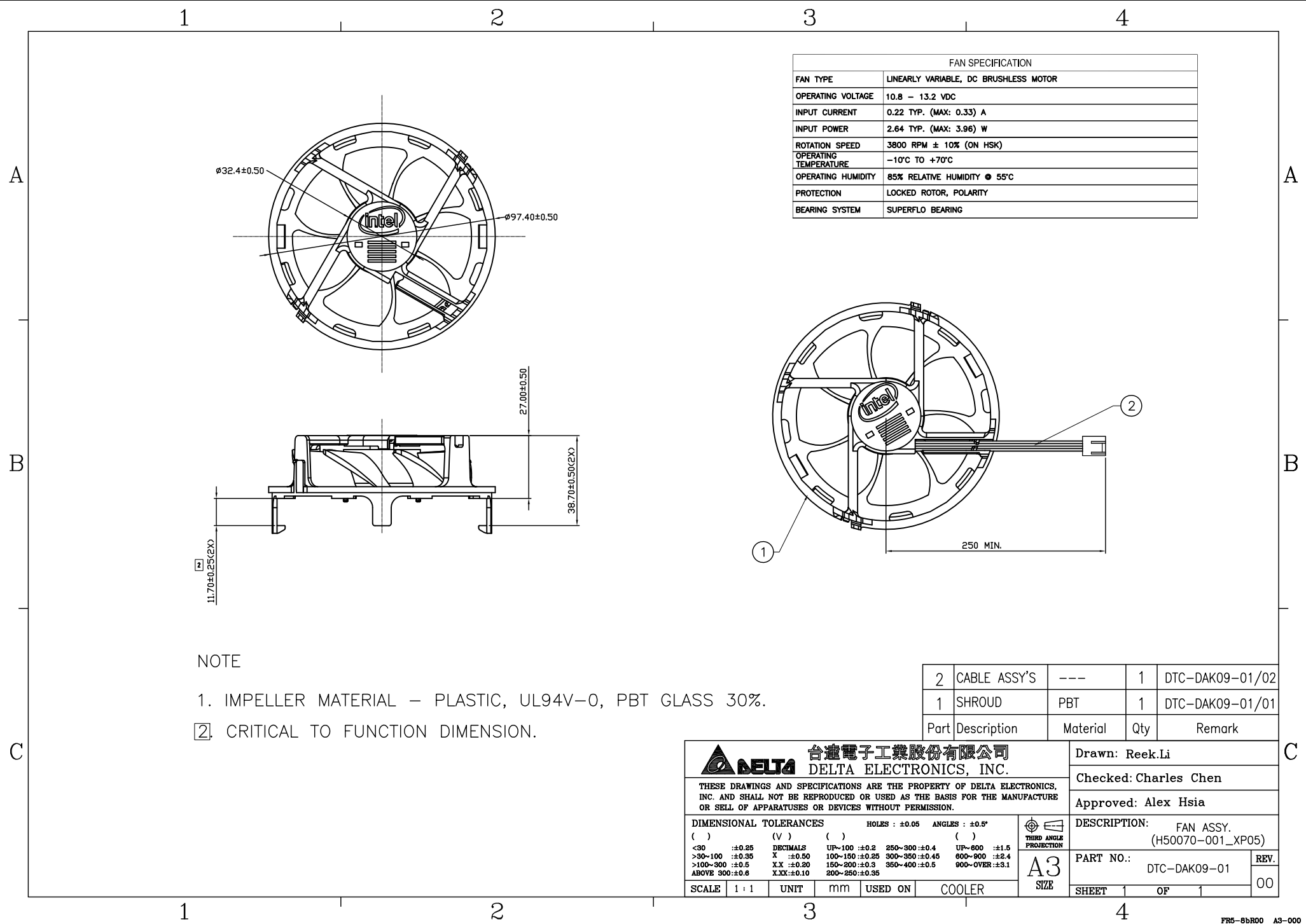
Approved: Alex Hsia

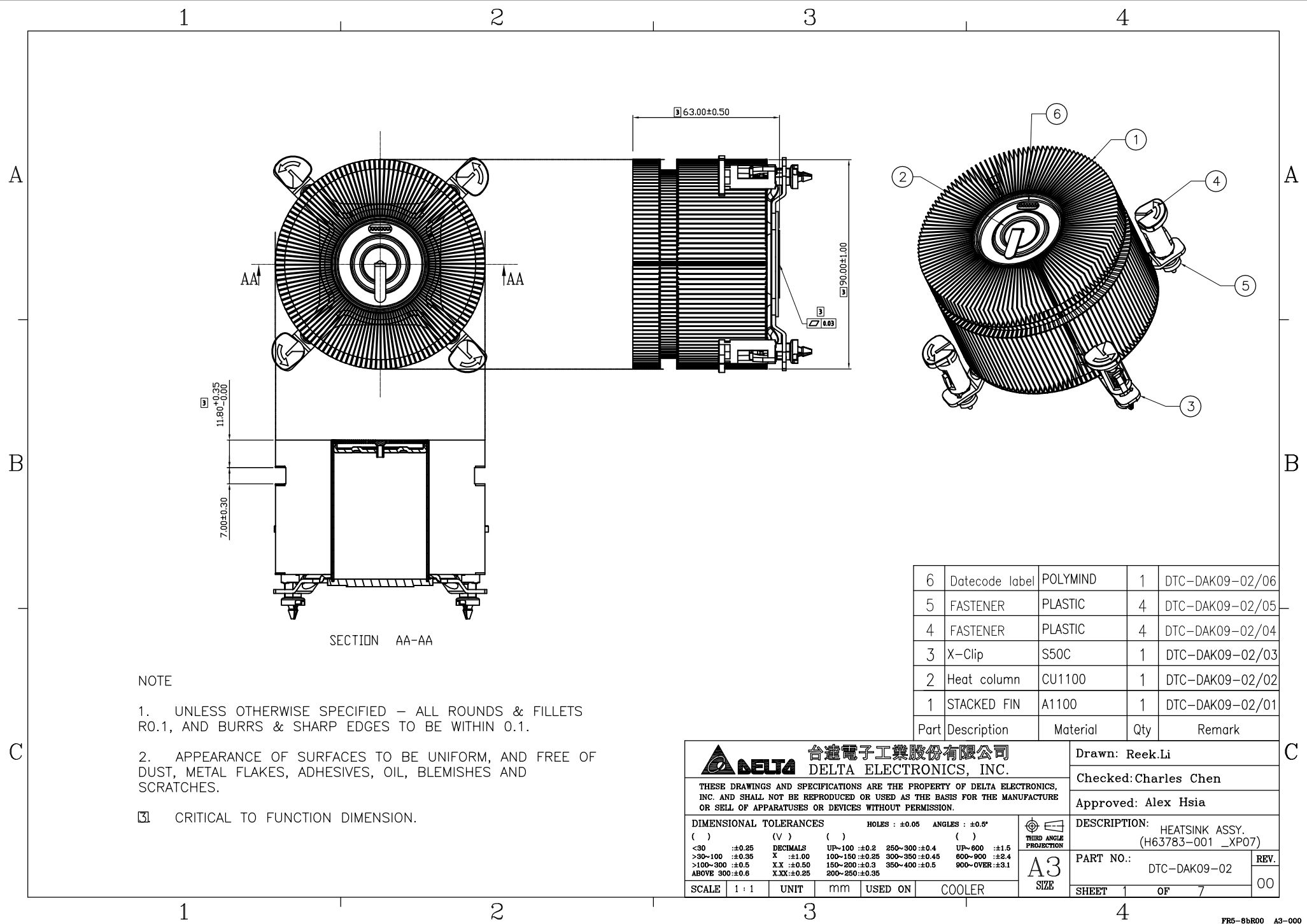
DESCRIPTION:
THERMAL MODULE ASSEMBLY
(H50069-001_XA09)

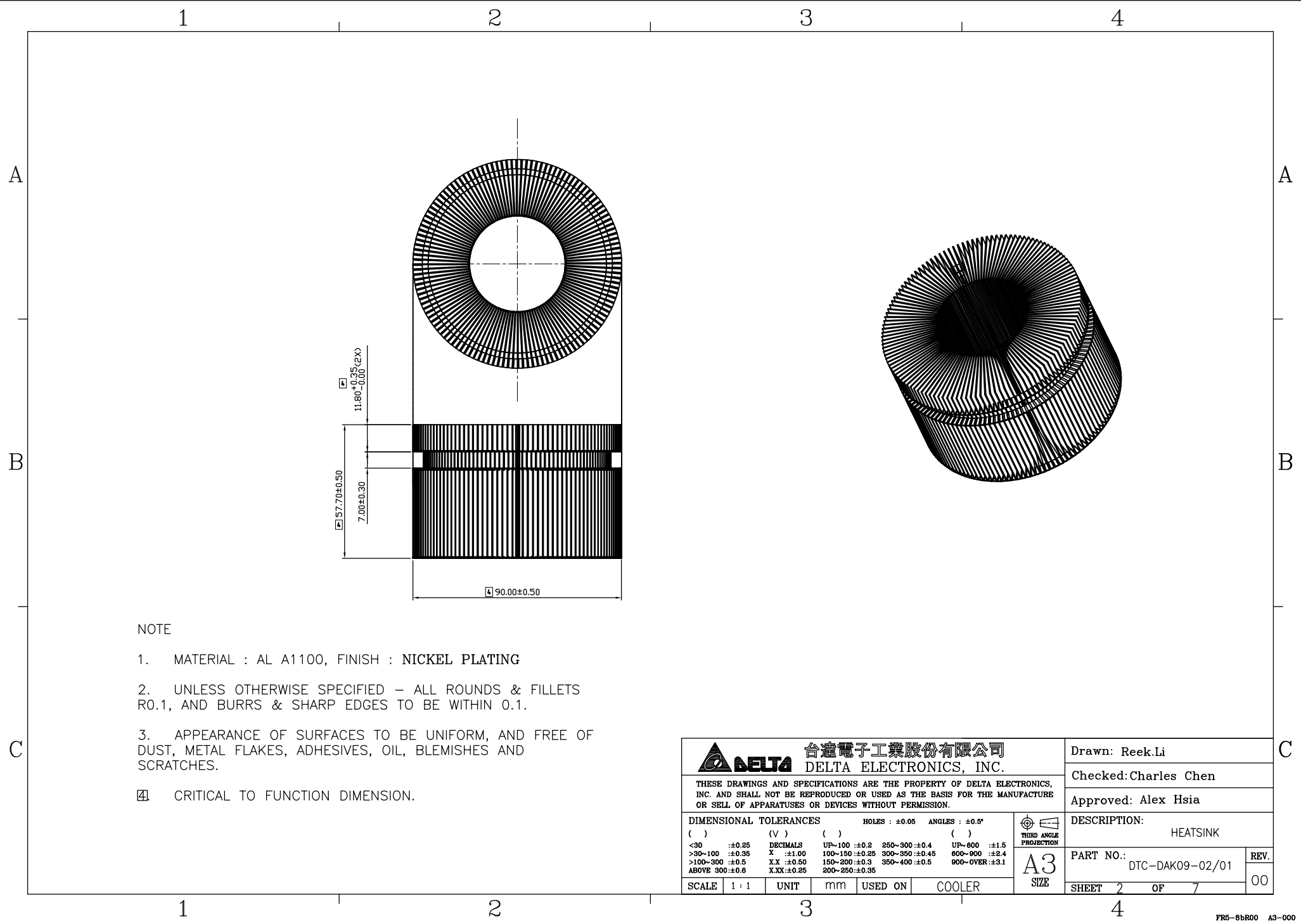
PART NO.: DTC-DAK09

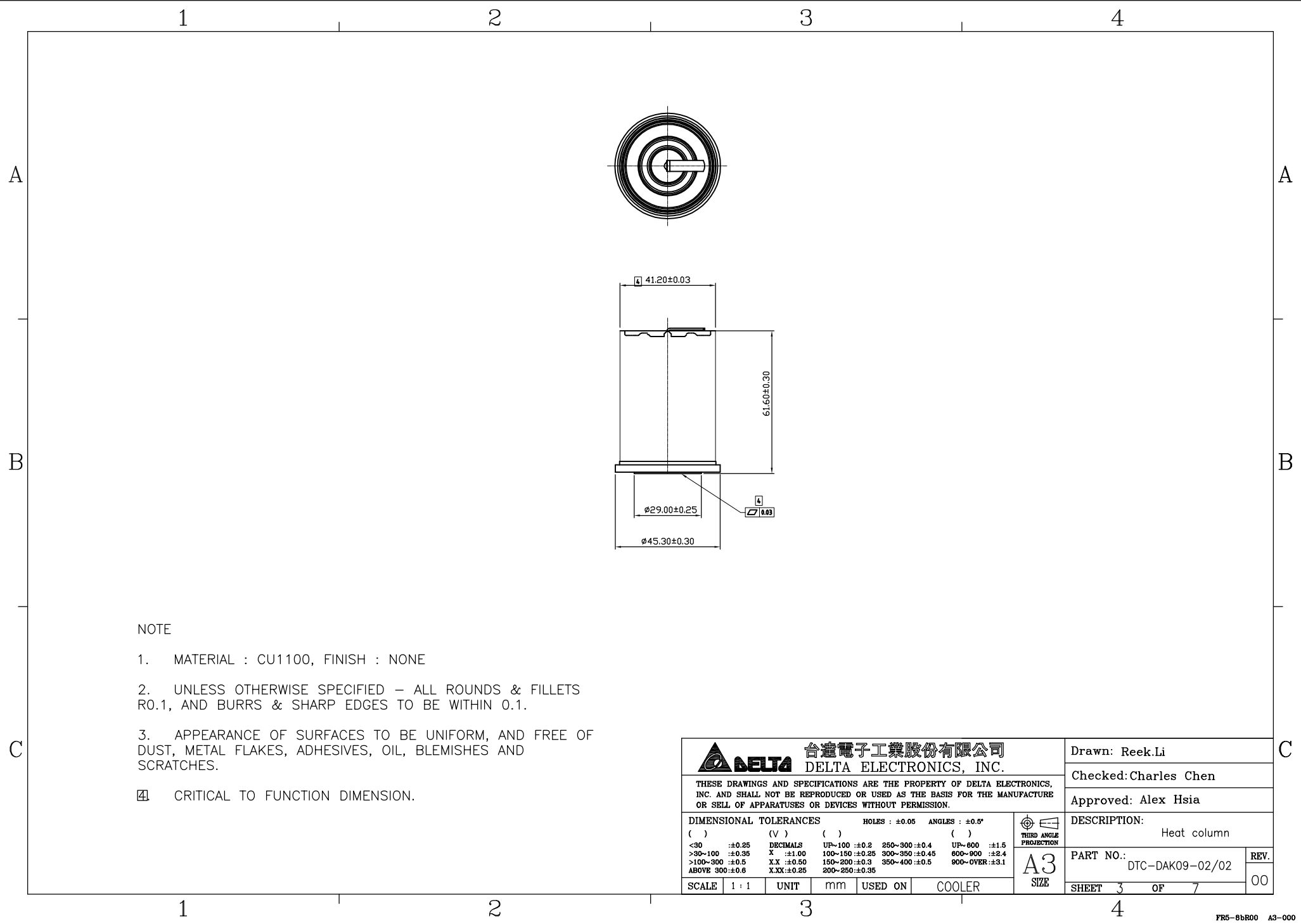
SHEET 1 OF 1

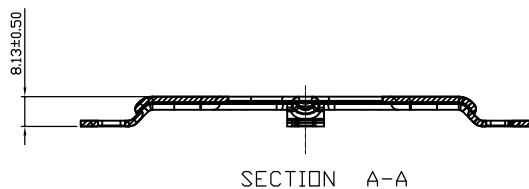
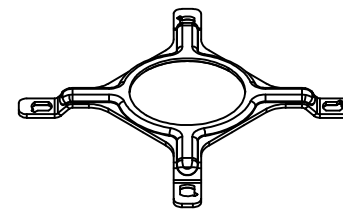
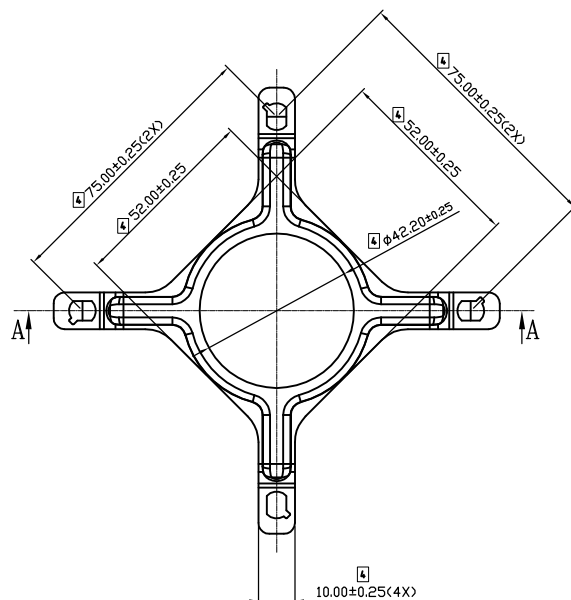
REV.
00












NOTE

- MATERIAL : S50C, FINISH : NICKEL PLATING
- UNLESS OTHERWISE SPECIFIED - ALL ROUNDS & FILLETS R0.1, AND BURRS & SHARP EDGES TO BE WITHIN 0.1.
- APPEARANCE OF SURFACES TO BE UNIFORM, AND FREE OF DUST, METAL FLAKES, ADHESIVES, OIL, BLEMISHES AND SCRATCHES.

☐ CRITICAL TO FUNCTION DIMENSION.

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						Approved: Alex Hsia	
						DESCRIPTION: X-Clip	
DIMENSIONAL TOLERANCES () (V) () () <30 :±0.25 DECIMALS UP~100 :±0.2 250~300 :±0.4 UP~600 :±1.5 >30~100 :±0.35 X :±1.00 100~150 :±0.25 300~350 :±0.45 600~900 :±2.4 >100~300 :±0.5 X.X :±0.50 150~200 :±0.3 350~400 :±0.5 900~OVER :±3.1 ABOVE 300 :±0.6 X.XX :±0.25 200~250 :±0.35						PART NO.: DTC-DAK09-02/03	
SCALE 1 : 1 UNIT mm USED ON COOLER						SHEET 4 OF 7	
THIRD ANGLE PROJECTION A3 SIZE						REV. 00	

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A

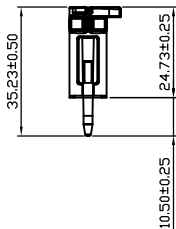
A

B

B

C



C



NOTE

1. MATERIAL : PLASTIC FINISH : NONE
2. UNLESS OTHERWISE SPECIFIED – ALL ROUNDS & FILLETS R0.1, AND BURRS & SHARP EDGES TO BE WITHIN 0.1.
3. APPEARANCE OF SURFACES TO BE UNIFORM, AND FREE OF DUST, METAL FLAKES, ADHESIVES, OIL, BLEMISHES AND SCRATCHES.

Ⓢ CRITICAL TO FUNCTION DIMENSION.

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					Approved: Alex Hsia																										
DIMENSIONAL TOLERANCES					 A3 SIZE	DESCRIPTION: FASTENER																									
<table><tr><td>()</td><td>(V)</td><td>()</td><td>()</td></tr><tr><td><30 :±0.25</td><td>DECIMALS</td><td>UP~100 :±0.25</td><td>250~300 :±0.4</td></tr><tr><td>>30~100 :±0.35</td><td>X :±1.00</td><td>100~150 :±0.25</td><td>300~350 :±0.45</td></tr><tr><td>>100~300 :±0.5</td><td>XX :±0.50</td><td>150~200 :±0.3</td><td>350~400 :±0.5</td></tr><tr><td>ABOVE 300 :±0.6</td><td>XXX :±0.25</td><td>200~250 :±0.35</td><td>600~900 :±2.4</td></tr><tr><td></td><td></td><td></td><td>900~OVER :±3.1</td></tr></table>						()	(V)	()	()	<30 :±0.25	DECIMALS	UP~100 :±0.25	250~300 :±0.4	>30~100 :±0.35	X :±1.00	100~150 :±0.25	300~350 :±0.45	>100~300 :±0.5	XX :±0.50	150~200 :±0.3	350~400 :±0.5	ABOVE 300 :±0.6	XXX :±0.25	200~250 :±0.35	600~900 :±2.4				900~OVER :±3.1	PART NO.: DTC-DAK09-02/04	
()	(V)	()	()																												
<30 :±0.25	DECIMALS	UP~100 :±0.25	250~300 :±0.4																												
>30~100 :±0.35	X :±1.00	100~150 :±0.25	300~350 :±0.45																												
>100~300 :±0.5	XX :±0.50	150~200 :±0.3	350~400 :±0.5																												
ABOVE 300 :±0.6	XXX :±0.25	200~250 :±0.35	600~900 :±2.4																												
			900~OVER :±3.1																												
SCALE 1 : 1 UNIT mm USED ON COOLER					REV. 00																										
					SHEET 5 OF 7																										

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A

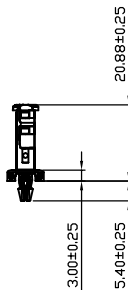
A

B

B

C



C



NOTE

1. MATERIAL : PLASTIC FINISH : NONE
2. UNLESS OTHERWISE SPECIFIED – ALL ROUNDS & FILLETS R0.1, AND BURRS & SHARP EDGES TO BE WITHIN 0.1.
3. APPEARANCE OF SURFACES TO BE UNIFORM, AND FREE OF DUST, METAL FLAKES, ADHESIVES, OIL, BLEMISHES AND SCRATCHES.

Ⓜ CRITICAL TO FUNCTION DIMENSION.

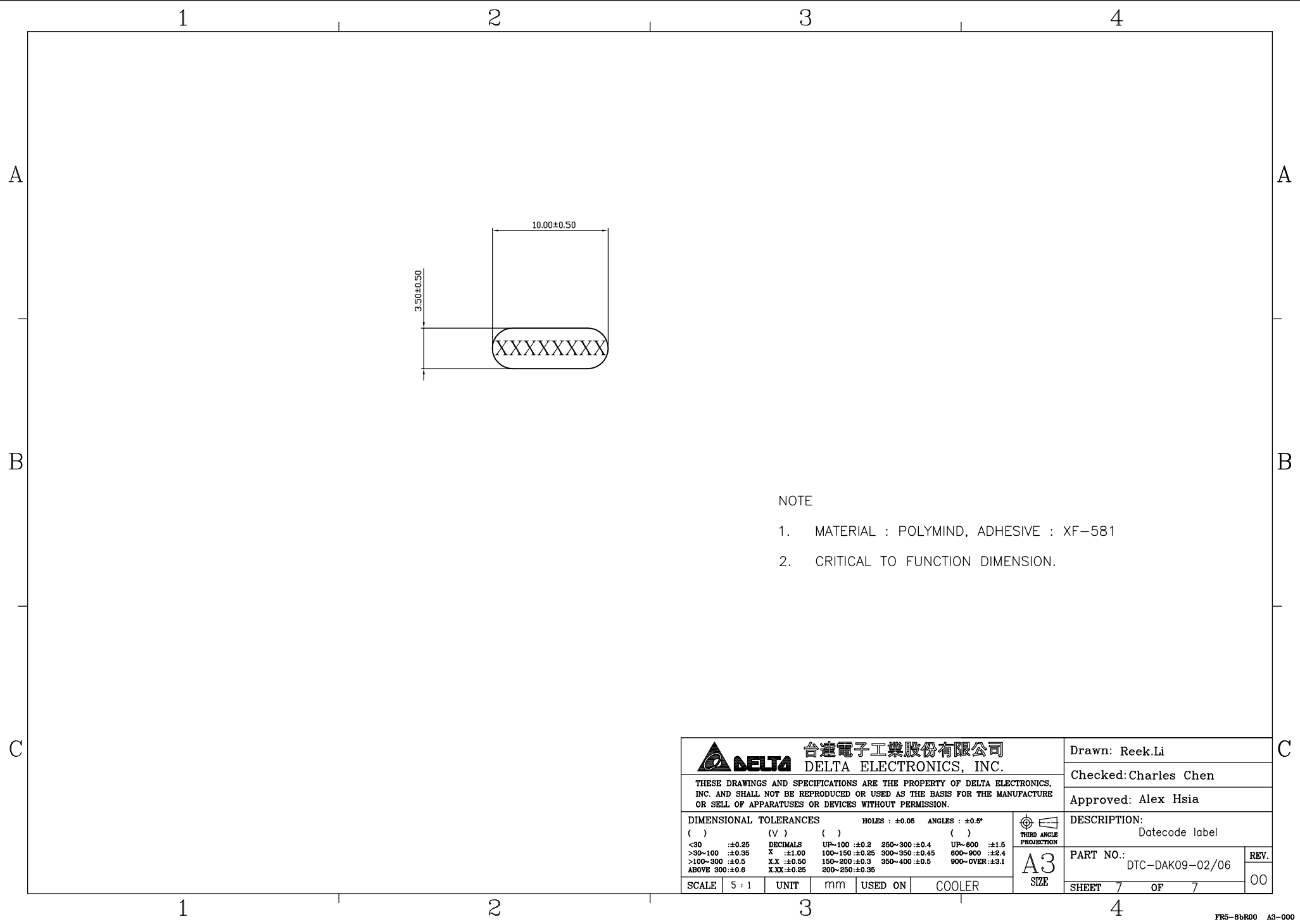
<div> 台達電子工業股份有限公司 DELTA ELECTRONICS, INC.</div>					Drawn: Reek.Li																					
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					Approved: Alex Hsia																					
					DESCRIPTION:																					
DIMENSIONAL TOLERANCES					HOLES : ±0.05 ANGLES : ±0.5°																					
<table><tr><td>()</td><td>(V)</td><td>()</td><td>()</td></tr><tr><td><30 :±0.25</td><td>DECIMALS</td><td>UP~100 :±0.2</td><td>250~300 :±0.4</td></tr><tr><td>>30~100 :±0.35</td><td>X :±1.00</td><td>100~150 :±0.25</td><td>300~350 :±0.45</td></tr><tr><td>>100~300 :±0.5</td><td>X.X :±0.50</td><td>150~200 :±0.3</td><td>350~400 :±0.5</td></tr><tr><td>ABOVE 300 :±0.6</td><td>X.XX :±0.25</td><td>200~250 :±0.35</td><td></td></tr></table>					()	(V)	()	()	<30 :±0.25	DECIMALS	UP~100 :±0.2	250~300 :±0.4	>30~100 :±0.35	X :±1.00	100~150 :±0.25	300~350 :±0.45	>100~300 :±0.5	X.X :±0.50	150~200 :±0.3	350~400 :±0.5	ABOVE 300 :±0.6	X.XX :±0.25	200~250 :±0.35		<div> THIRD ANGLE PROJECTION</div> <div>A3 SIZE</div>	
()	(V)	()	()																							
<30 :±0.25	DECIMALS	UP~100 :±0.2	250~300 :±0.4																							
>30~100 :±0.35	X :±1.00	100~150 :±0.25	300~350 :±0.45																							
>100~300 :±0.5	X.X :±0.50	150~200 :±0.3	350~400 :±0.5																							
ABOVE 300 :±0.6	X.XX :±0.25	200~250 :±0.35																								
SCALE 1 : 1 UNIT mm USED ON COOLER					PART NO.: DTC-DAK09-02/05		REV. 00																			
					SHEET 6 OF 7																					

1



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- NOTE
- 1. MATERIAL : POLYMIND, ADHESIVE : XF-581
 - 2. CRITICAL TO FUNCTION DIMENSION.

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				Approved: Alex Hsia			
				DESCRIPTION: Datecode label			
DIMENSIONAL TOLERANCES				<div> THIRD ANGLE PROJECTION</div> <div>A3 SIZE</div>	PART NO.: DTC-DAK09-02/06		REV. 00
HOLES : ±0.05 ANGLES : ±0.5°							
() (V) () ()							
<30 :±0.25 DECIMALS UP~100 :±0.2 250~300 :±0.4 UP~600 :±1.5							
>30~100 :±0.35 X :±1.00 100~150 :±0.25 300~350 :±0.45 600~900 :±2.4							
>100~300 :±0.5 XX :±0.50 150~200 :±0.3 350~400 :±0.5 900~OVER :±3.1							
ABOVE 300 :±0.6 XXX:±0.25 200~250 :±0.35							
SCALE 5 : 1		UNIT mm		USED ON COOLER		SHEET 7 OF 7	

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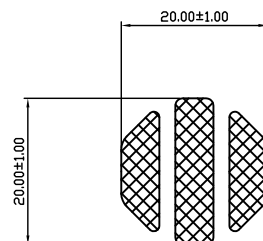
A

B


B

C

C



- NOTES: 1. THICKNESS: 0.20mm
2. VENDOR P/N: DOW CORNING TC-5630
3. COLOR: GRAY.
4. THERMAL CONDUCTIVITY: 4.5 W/m-°C
5. THERMAL CONTACT RESISTANCE: 0.06 °C-cm²/W @40psi
6. GROSS WEIGHT: 112.5±20 mg
7. VENDOR : DOW CORNING
8. MUST MEET DELTA'S SPEC : 10000-0162

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THIRD ANGLE PROJECTION						Approved: Alex Hsia	
DIMENSIONAL TOLERANCES						DESCRIPTION: THERMAL INTERFACE (D60392-001_XP01)	
()	(V)	()	()	()	()	PART NO.: DTC-DAK09-03	
<30	±0.25	DECIMALS	UP~100 ±0.2	250~300 ±0.4	UP~600 ±1.5	REV. 00	
>30~100	±0.35	X	100~150 ±0.25	300~350 ±0.45	600~900 ±2.4		
>100~300	±0.5	XX	150~200 ±0.3	350~400 ±0.5	900~OVER ±3.1		
ABOVE 300	±0.6	XXX	200~250 ±0.35				
SCALE	1 : 1	UNIT	mm	USED ON	COOLER		
SIZE A3						SHEET 1 OF 1	

1

2

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4