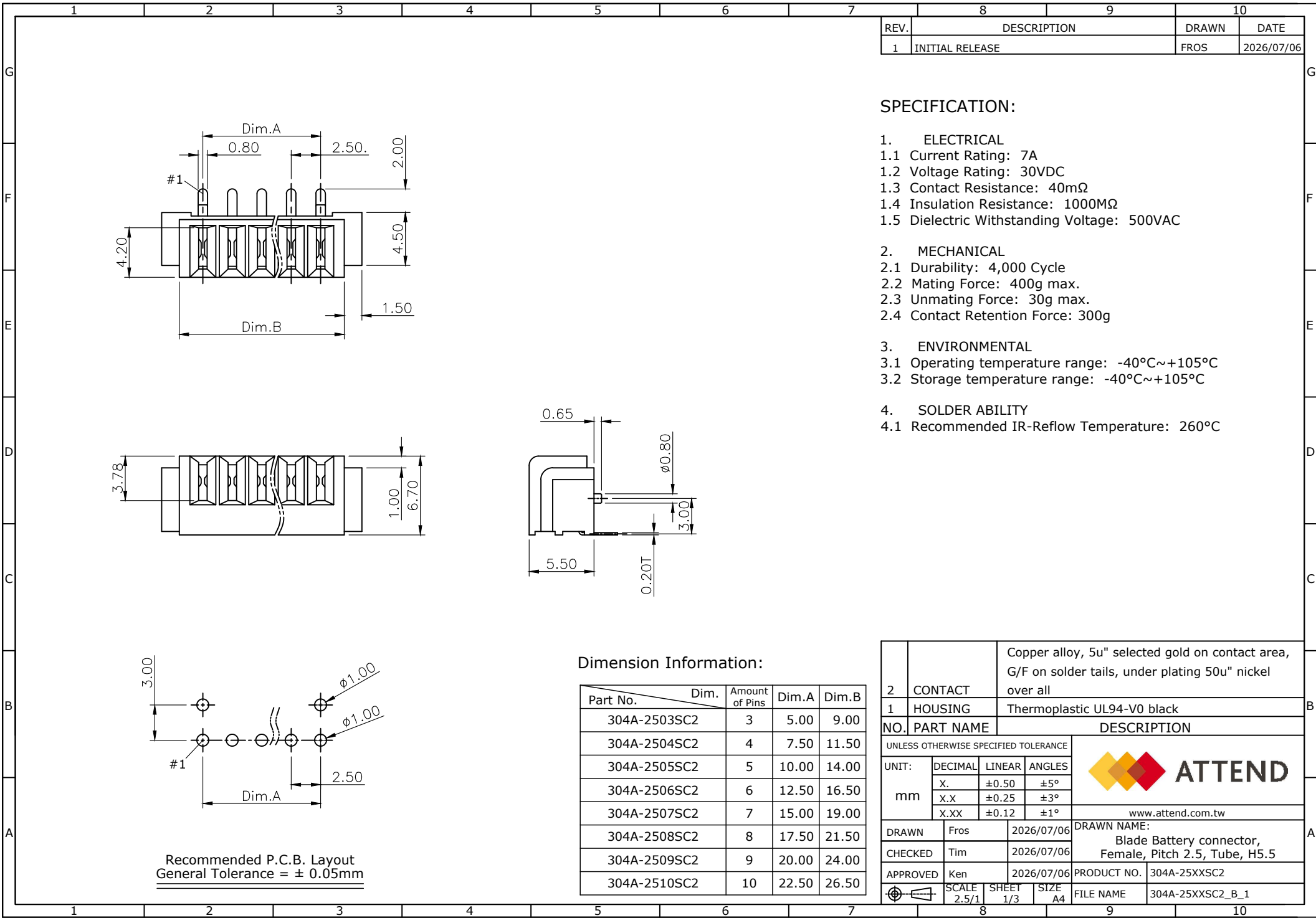




REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	FROS	2026/07/06

SPECIFICATION:

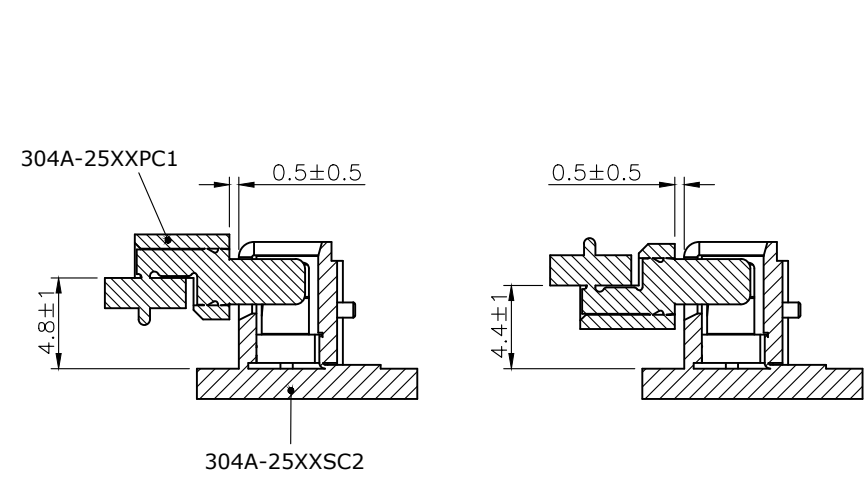
- ELECTRICAL
 - Current Rating: 7A
 - Voltage Rating: 30VDC
 - Contact Resistance: 40mΩ
 - Insulation Resistance: 1000MΩ
 - Dielectric Withstanding Voltage: 500VAC
- MECHANICAL
 - Durability: 4,000 Cycle
 - Mating Force: 400g max.
 - Unmating Force: 30g max.
 - Contact Retention Force: 300g
- ENVIRONMENTAL
 - Operating temperature range: -40°C~+105°C
 - Storage temperature range: -40°C~+105°C
- SOLDER ABILITY
 - Recommended IR-Reflow Temperature: 260°C

Dimension Information:

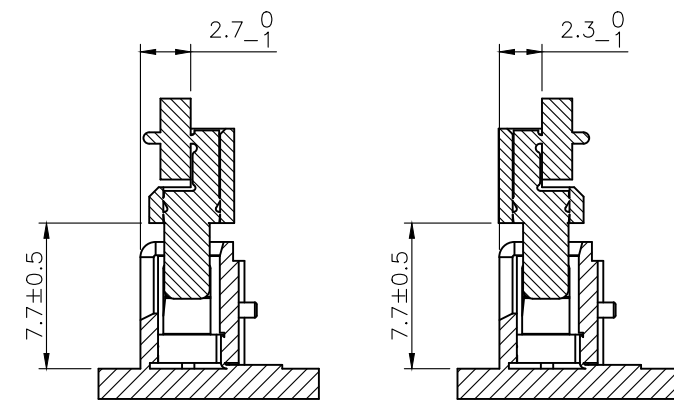
Part No.	Dim.	Amount of Pins	Dim.A	Dim.B
304A-2503SC2	3	3	5.00	9.00
304A-2504SC2	4	4	7.50	11.50
304A-2505SC2	5	5	10.00	14.00
304A-2506SC2	6	6	12.50	16.50
304A-2507SC2	7	7	15.00	19.00
304A-2508SC2	8	8	17.50	21.50
304A-2509SC2	9	9	20.00	24.00
304A-2510SC2	10	10	22.50	26.50

		Copper alloy, 5u" selected gold on contact area, G/F on solder tails, under plating 50u" nickel over all	
2	CONTACT		
1	HOUSING	Thermoplastic UL94-V0 black	
NO. PART NAME		DESCRIPTION	
UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT: mm	DECIMAL	LINEAR	ANGLES
	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°
			 ATTEND www.attend.com.tw
DRAWN	Fros	2026/07/06	DRAWN NAME: Blade Battery connector, Female, Pitch 2.5, Tube, H5.5
CHECKED	Tim	2026/07/06	
APPROVED	Ken	2026/07/06	PRODUCT NO. 304A-25XXSC2
	SCALE 2.5/1	SHEET 1/3	SIZE A4
		FILE NAME	304A-25XXSC2_B_1

Matching 304A-25XXSC2 AND 304A-25XXPC1



Side Insertion



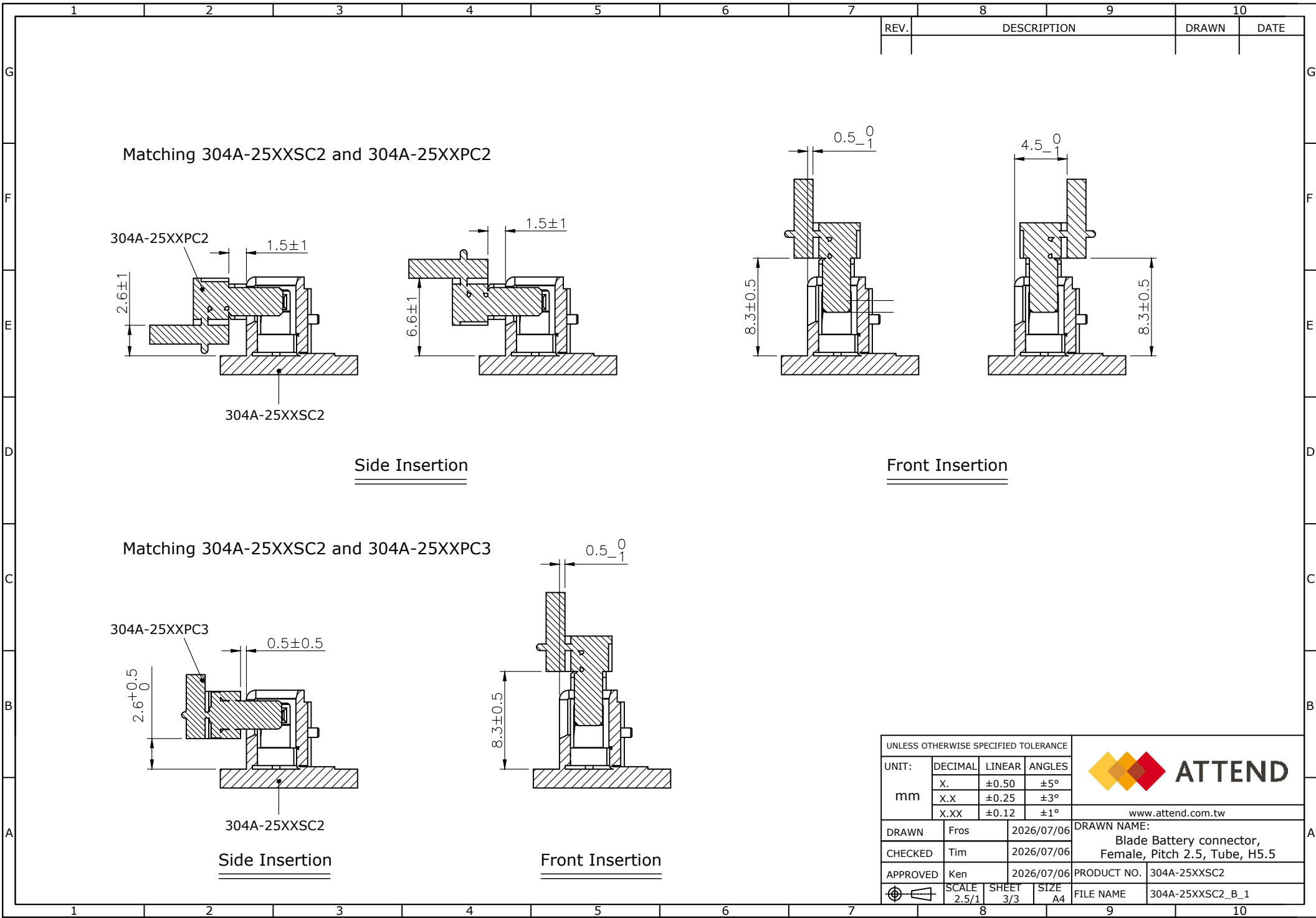
Front Insertion

UNLESS OTHERWISE SPECIFIED TOLERANCE					ATTEND www.attend.com.tw	
UNIT: mm	DECIMAL	LINEAR	ANGLES			
	X.	±0.50	±5°			
	X.X	±0.25	±3°			
X.XX	±0.12	±1°				
DRAWN					DRAWN NAME:	
Fros					2026/07/06	
CHECKED					Tim	
2026/07/06					Blade Battery connector, Female, Pitch 2.5, Tube, H5.5	
APPROVED					Ken	
2026/07/06					PRODUCT NO.	
					304A-25XXSC2	
SCALE					SHEET	
2.5/1					2/3	
SIZE					FILE NAME	
A4					304A-25XXSC2_B_1	

8

9

10



UNLESS OTHERWISE SPECIFIED TOLERANCE					 ATTEND www.attend.com.tw	
UNIT: mm	DECIMAL	LINEAR	ANGLES			
	X.	±0.50	±5°			
	X.X	±0.25	±3°			
	X.XX	±0.12	±1°			
DRAWN	Fros	2026/07/06			DRAWN NAME: Blade Battery connector, Female, Pitch 2.5, Tube, H5.5	
CHECKED	Tim	2026/07/06				
APPROVED	Ken	2026/07/06				
	SCALE 2.5/1	SHEET 3/3	SIZE A4	PRODUCT NO.	304A-25XXSC2	
				FILE NAME	304A-25XXSC2_B_1	