

1

2

3

4

6.00 [0.236] CARD EJECT POSITION

2.20 CARD LOCK POSITIO

2.20 [0.087]

2.20 [0.087]

0.80 [0.031]

32.20 [1.268]

31.00 [1.220]

2.40 [0.094]

3.00 [0.118]

3.30 [0.130]

2.54 [0.100]

11.20 [0.441]

SW2

20.55 [0.809]

24.95 [0.982]

2.75 [0.108]

3.00 [0.118]

0.10Max

0.55 [0.022]

1.15 [0.045]

ø1.90 [ø0.075]

0.70^{+0.08}_{-0.02} [0.028]2.10^{+0.08}_{-0.02} [0.083]

3.90 [0.154]

7.32 [0.288]

0.55 [0.022]^{+0.20}_{-0.00}

Specification

MATERIAL:

: LCP High Temperature Thermoplastic, UL 94V-0.

(: LCP UL 94V-0)

: PA

: Copper Alloy(T=0.15mm

:PA

PLATING:

Contact: Plated 50u" Ni Overall Contact Au 3U, pad TIN

(: 50 u, 3 u, 50 u

Current Rating :2Amps.max(:2A)

Voltage Rating :5V AC/DC(:5V AC/DC)

Ambient Temperature Range :-40°C~+85°C(-40 +85

Storage Temperature Range :-40°C~+85°C(-40 +85

Ambient Humidity Range :95% R.H. Max. 95%

Contact Resistance:100m max. 100mΩ)

Insulation Resistance:1000MΩ min./500VDC(1000

260

Mating Cycles:5000Min Insertions 5000

PIN NO.	PIN NAME
C1	Supply Voltage
C2	V _{CC} Reset (RST)
C3	Clock (CLK)
C4	N/A
C5	Ground
C6	Programming Voltage V _{pp}
C7	I/O
C8	N/A

SW1	SW2	SW1	SW2
WITHOUT CARD		SIM INSERTED	

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



DESIGN		VIEW:	MODEL TYPE: SIM CARD CONN
CHECKED		UNIT: mm/in	PART NO.: XKSIM-816-P6
APPROVED		SIZE: A4	DWG NO.:
XKB INDUSTRIAL PRECISION CO., LIMITED			SCALE N/A
			PAGE 1/2
			REVISION A2

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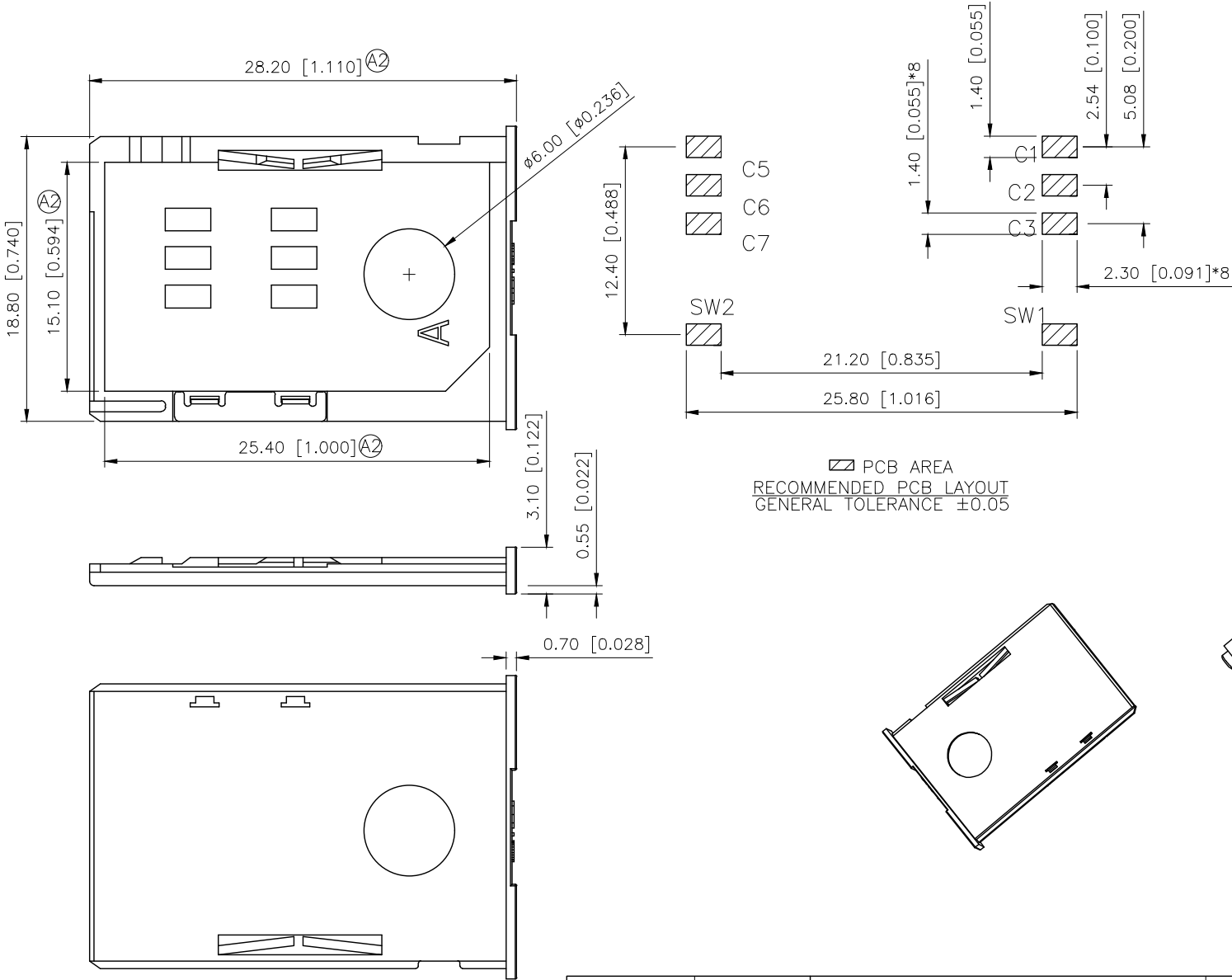
1

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REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A1	N/A			2025.05.15	
A2	ECN-P-2025110807	A2x3		2025.11.08	



AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERAUCES	



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SCALE	PAGE	REVISION
N/A	2/2	A2