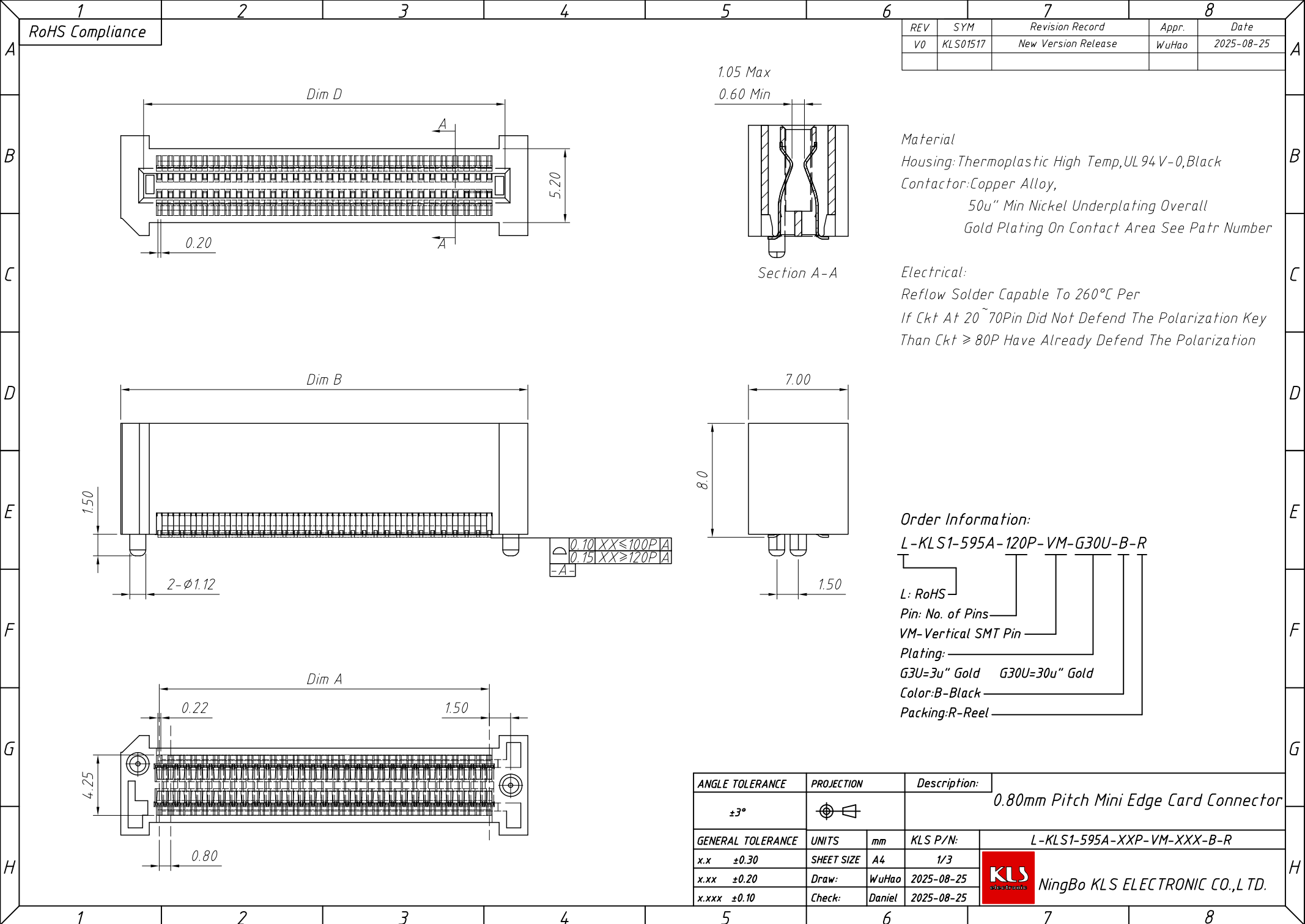


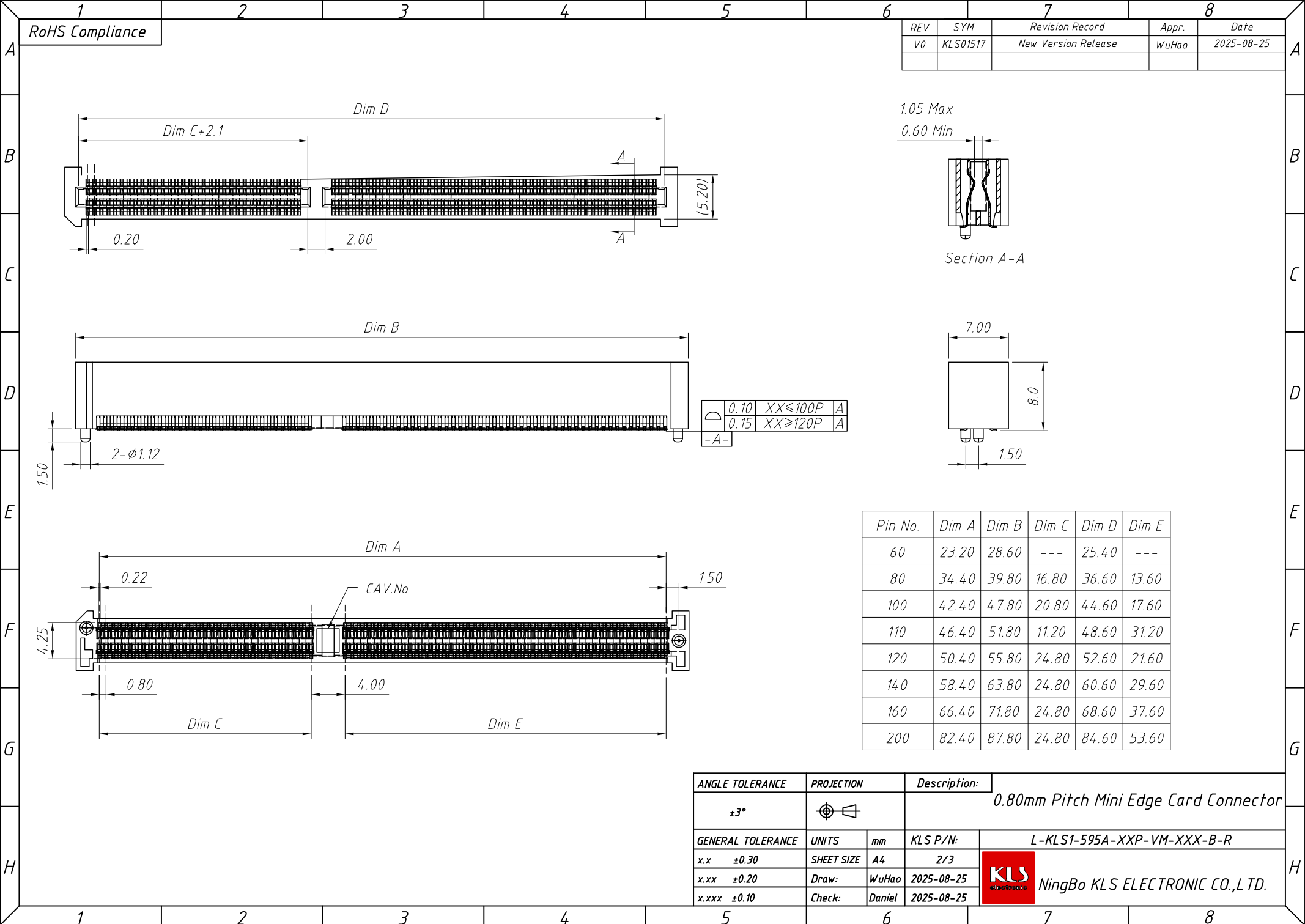


1		2		3		4		5		6		7		8	
REV		SYM		Revision Record		Appr.		Date							
V0		KLS01517		New Version Release		WuHao		2025-08-25							

Material
Housing:Thermoplastic High Temp,UL 94 V-0,Black
Contactor:Copper Alloy,
50u" Min Nickel Underplating Overall
Gold Plating On Contact Area See Patr Number

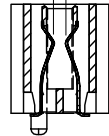
Electrical:
Reflow Solder Capable To 260°C Per
If Ckt At 20~70Pin Did Not Defend The Polarization Key
Than Ckt ≥ 80P Have Already Defend The Polarization

Order Information:
L-KLS1-595A-120P-VM-G30U-B-R
L: RoHS
Pin: No. of Pins
VM-Vertical SMT Pin
Plating:
G30U=30u" Gold G30U=30u" Gold
Color:B-Black
Packing:R-Reel

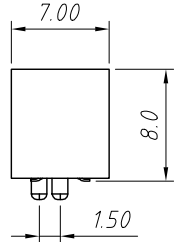


RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS01517	New Version Release	WuHao	2025-08-25



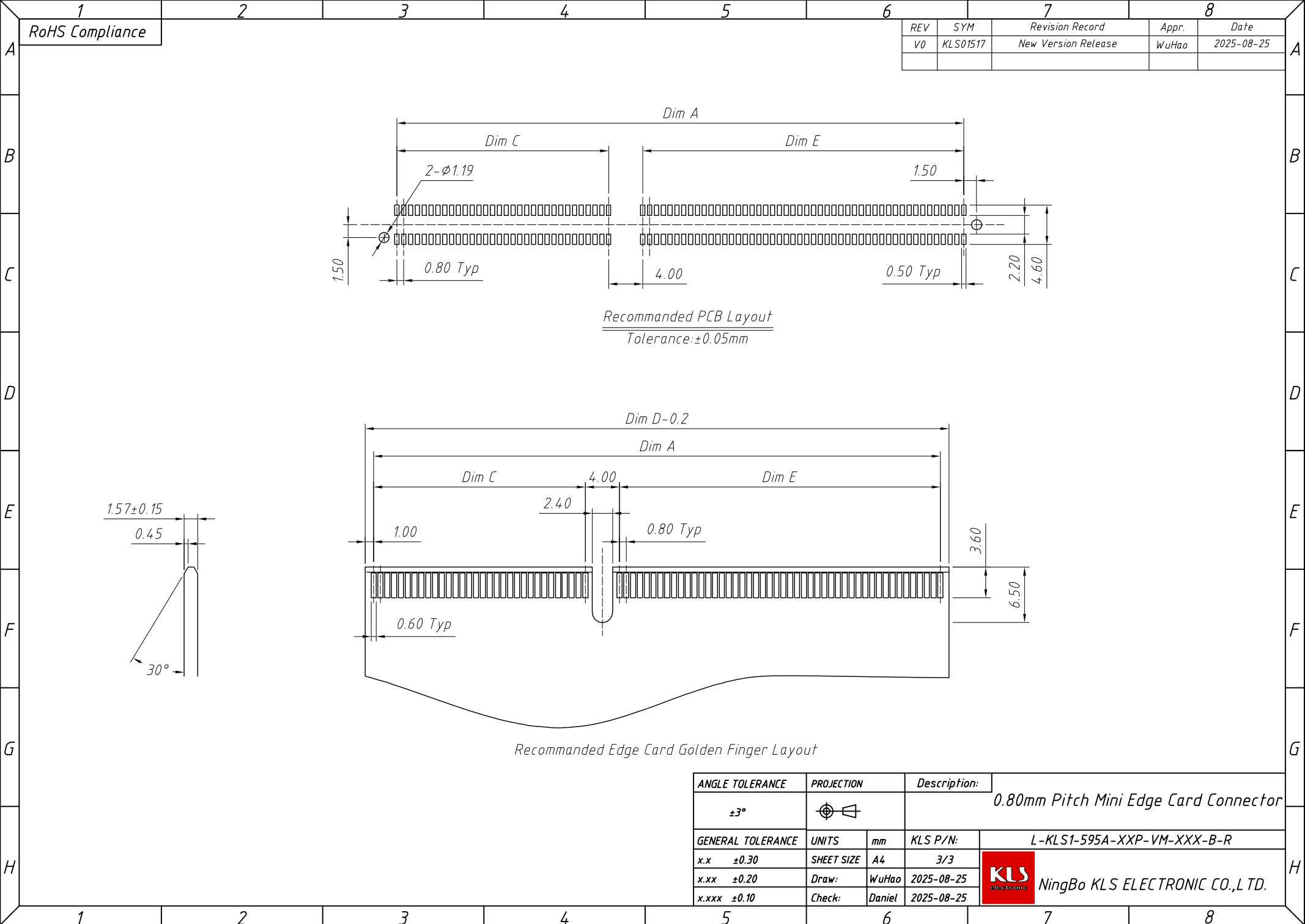
Section A-A



	0.10	XX≤100P	A
	0.15	XX≥120P	A
-A-			

Pin No.	Dim A	Dim B	Dim C	Dim D	Dim E
60	23.20	28.60	---	25.40	---
80	34.40	39.80	16.80	36.60	13.60
100	42.40	47.80	20.80	44.60	17.60
110	46.40	51.80	11.20	48.60	31.20
120	50.40	55.80	24.80	52.60	21.60
140	58.40	63.80	24.80	60.60	29.60
160	66.40	71.80	24.80	68.60	37.60
200	82.40	87.80	24.80	84.60	53.60

ANGLE TOLERANCE	PROJECTION		Description:	
±3°			0.80mm Pitch Mini Edge Card Connector	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-595A-XXP-VM-XXX-B-R
x.x ±0.30	SHEET SIZE	A4	2/3	NingBo KLS ELECTRONIC CO.,LTD.
x.xx ±0.20	Draw:	WuHao	2025-08-25	
x.xxx ±0.10	Check:	Daniel	2025-08-25	



Recommended PCB Layout
Tolerance:±0.05mm

Recommended Edge Card Golden Finger Layout

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				0.80mm Pitch Mini Edge Card Connector	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-595A-XXP-VM-XXX-B-R
x.x	±0.30	SHEET SIZE	A4	3/3	NingBo KLS ELECTRONIC CO.,L TD.
x.xx	±0.20	Draw:	WuHao	2025-08-25	
x.xxx	±0.10	Check:	Daniel	2025-08-25	