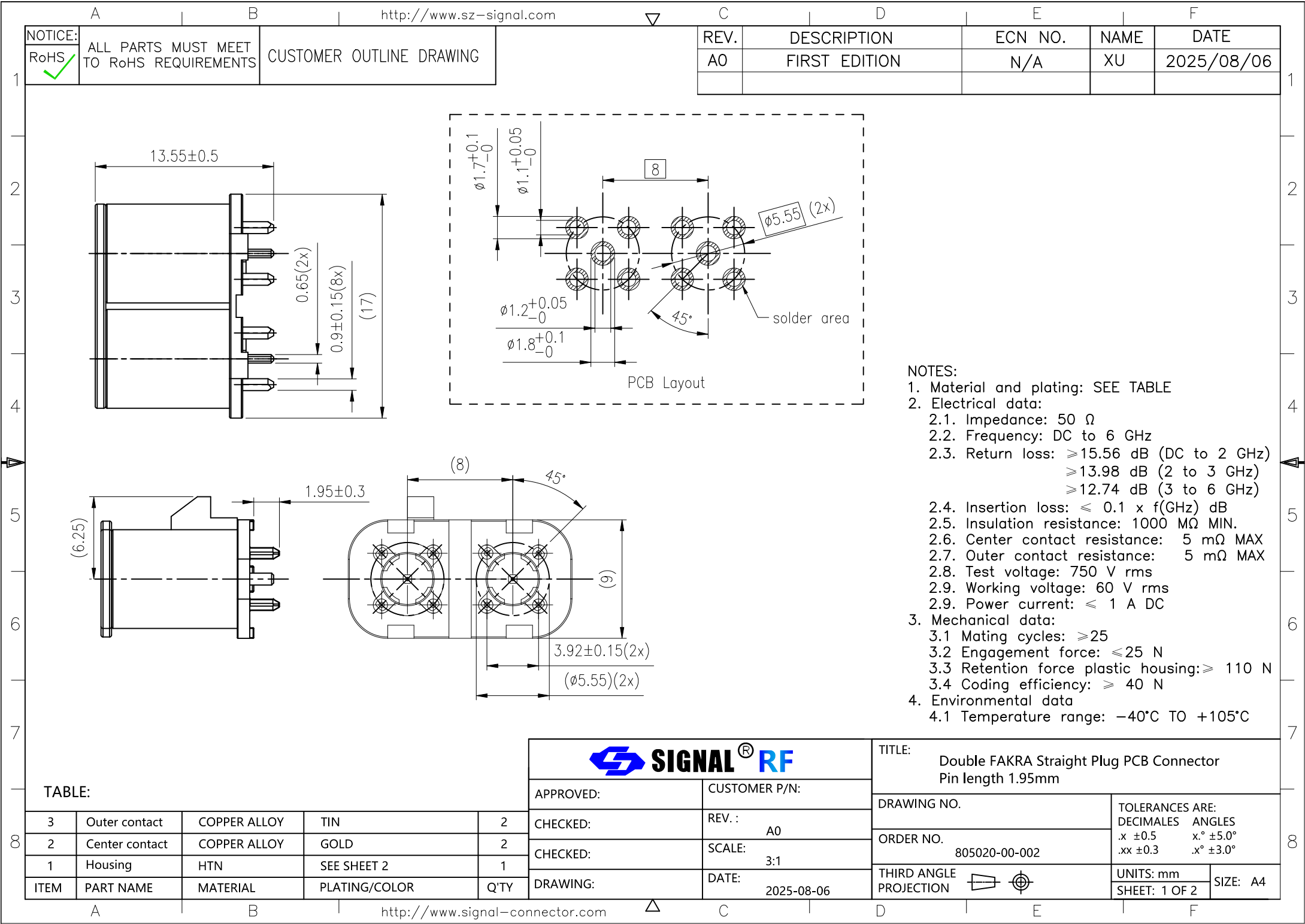




NOTICE:	ALL PARTS MUST MEET TO RoHS REQUIREMENTS	CUSTOMER OUTLINE DRAWING
RoHS	✓	

REV.	DESCRIPTION	ECN NO.	NAME	DATE
A0	FIRST EDITION	N/A	XU	2025/08/06

- NOTES:
- Material and plating: SEE TABLE
 - Electrical data:
 - Impedance: 50 Ω
 - Frequency: DC to 6 GHz
 - Return loss: ≥15.56 dB (DC to 2 GHz)
≥13.98 dB (2 to 3 GHz)
≥12.74 dB (3 to 6 GHz)
 - Insertion loss: ≤ 0.1 x f(GHz) dB
 - Insulation resistance: 1000 MΩ MIN.
 - Center contact resistance: 5 mΩ MAX
 - Outer contact resistance: 5 mΩ MAX
 - Test voltage: 750 V rms
 - Working voltage: 60 V rms
 - Power current: ≤ 1 A DC
 - Mechanical data:
 - Mating cycles: ≥25
 - Engagement force: ≤25 N
 - Retention force plastic housing: ≥ 110 N
 - Coding efficiency: ≥ 40 N
 - Environmental data
 - Temperature range: -40°C TO +105°C

TABLE:

3	Outer contact	COPPER ALLOY	TIN	2
2	Center contact	COPPER ALLOY	GOLD	2
1	Housing	HTN	SEE SHEET 2	1
ITEM	PART NAME	MATERIAL	PLATING/COLOR	Q'TY

SIGNAL [®] RF	
APPROVED:	CUSTOMER P/N:
CHECKED:	REV. : A0
CHECKED:	SCALE: 3:1
DRAWING:	DATE: 2025-08-06

TITLE: Double FAKRA Straight Plug PCB Connector Pin length 1.95mm			
DRAWING NO.		TOLERANCES ARE:	
ORDER NO. 805020-00-002		DECIMALES	ANGLES
		.x ±0.5	x.° ±5.0°
		.xx ±0.3	.x° ±3.0°
THIRD ANGLE PROJECTION		UNITS: mm	SIZE: A4
		SHEET: 1 OF 2	

1

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