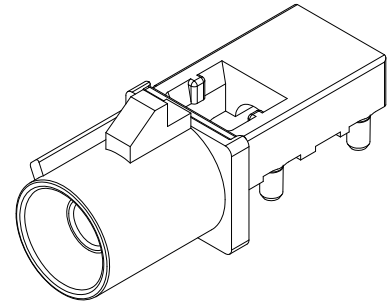
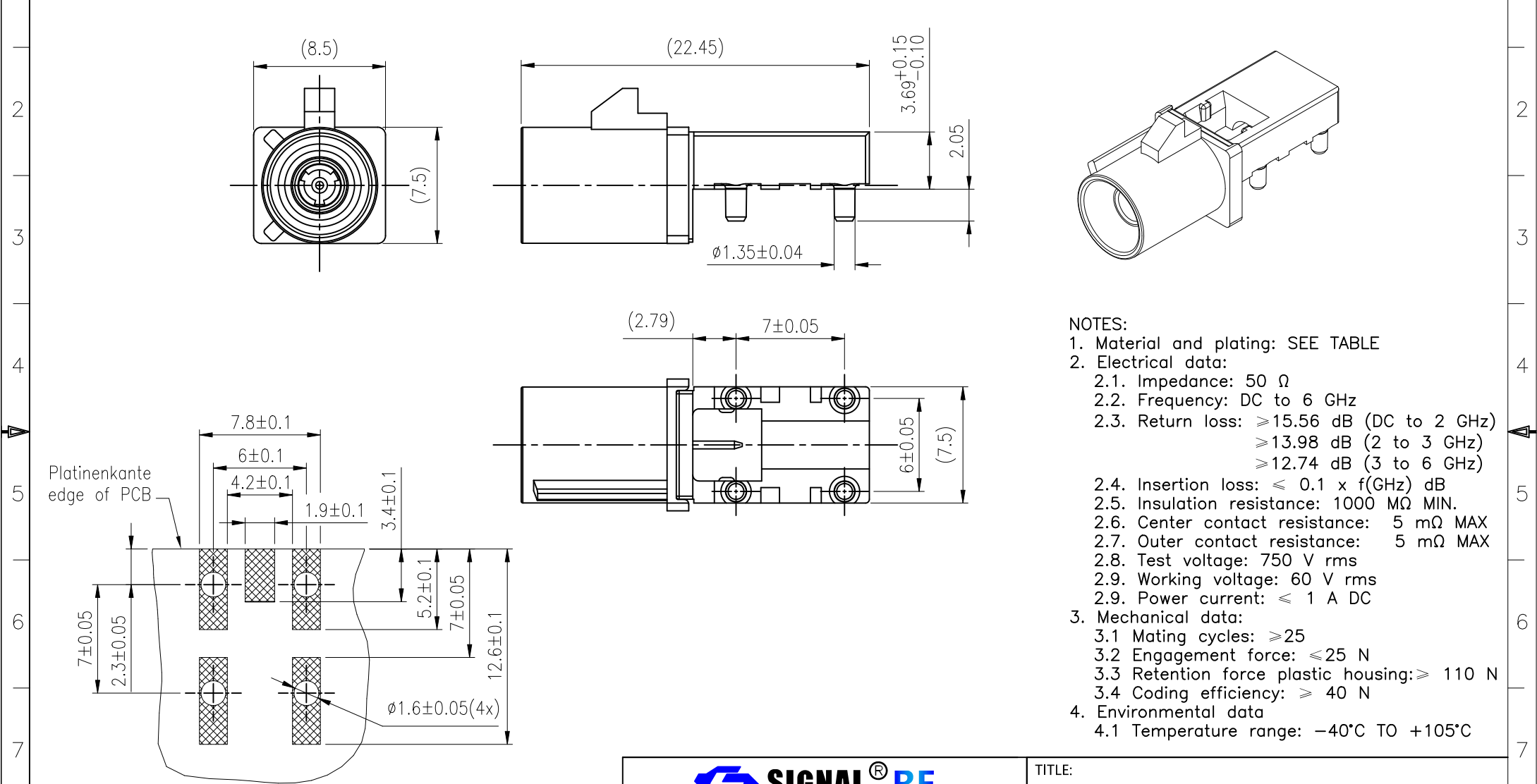




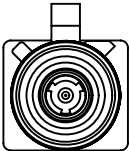
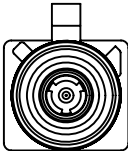
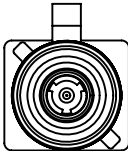
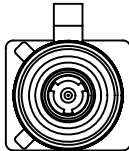
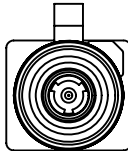
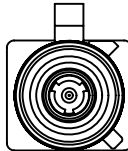
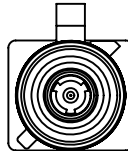
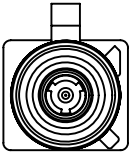
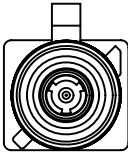
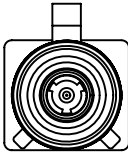
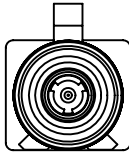
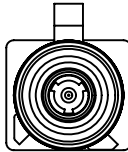
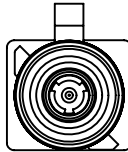
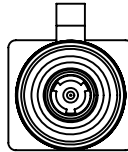
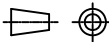
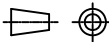
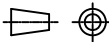
- NOTES:
- 1. Material and plating: SEE TABLE
 - 2. Electrical data:
 - 2.1. Impedance: 50 Ω
 - 2.2. Frequency: DC to 6 GHz
 - 2.3. Return loss: ≥15.56 dB (DC to 2 GHz)
≥13.98 dB (2 to 3 GHz)
≥12.74 dB (3 to 6 GHz)
 - 2.4. Insertion loss: ≤ 0.1 x f(GHz) dB
 - 2.5. Insulation resistance: 1000 MΩ MIN.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

TABLE: PCB Layout

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

APPROVED:	CUSTOMER P/N:
CHECKED:	REV. : A0
CHECKED:	SCALE: 3:1
DRAWING:	DATE: 2025-08-06

TITLE: FAKRA Right Angle Plug PCB Connector			
DRAWING NO.		TOLERANCES ARE:	
ORDER NO. 805020-00-004		DECIMALES	ANGLES
		.x ±0.5	x.° ±5.0°
		.xx ±0.3	.x.° ±3.0°
THIRD ANGLE PROJECTION		UNITS: mm	
		SHEET: 1 OF 2	
		SIZE: A4	

A		B		http://www.sz-signal.com		C		D		E		F																																																																											
NOTICE: RoHS		ALL PARTS MUST MEET TO RoHS REQUIREMENTS		CUSTOMER OUTLINE DRAWING		REV. A0		DESCRIPTION FIRST EDITION		ECN NO. N/A		NAME XU		DATE 2025/08/06																																																																									
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