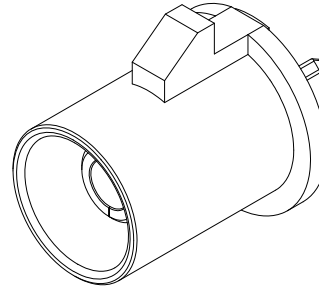
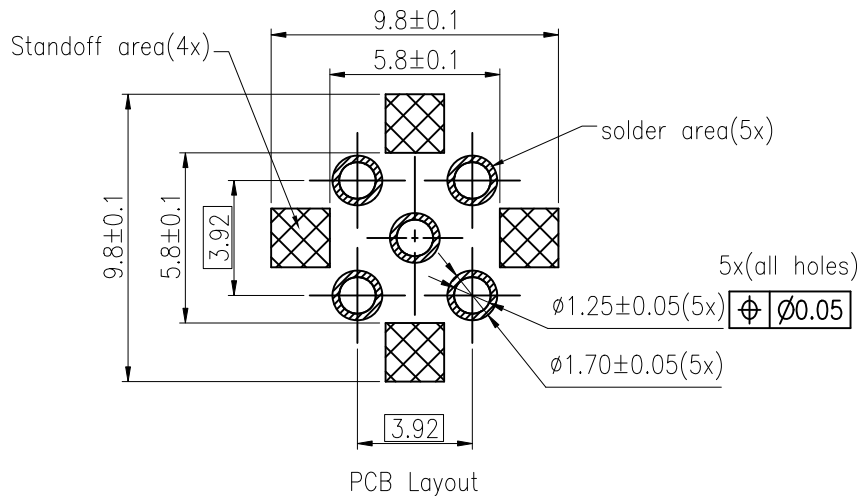


A		B		C		D		E		F	
NOTICE:		ALL PARTS MUST MEET TO RoHS REQUIREMENTS		http://www.sz-signal.com		REV.		DESCRIPTION		ECN NO.	
RoHS		CUSTOMER OUTLINE DRAWING				A0		FIRST EDITION		N/A	
										XU	
										2025/08/05	



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: $\leq 0.1 \times f(\text{GHz})$ dB
 - Insulation resistance: 1000 M Ω MIN.
 - Center contact resistance: 5 m Ω MAX
 - Outer contact resistance: 5 m Ω 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

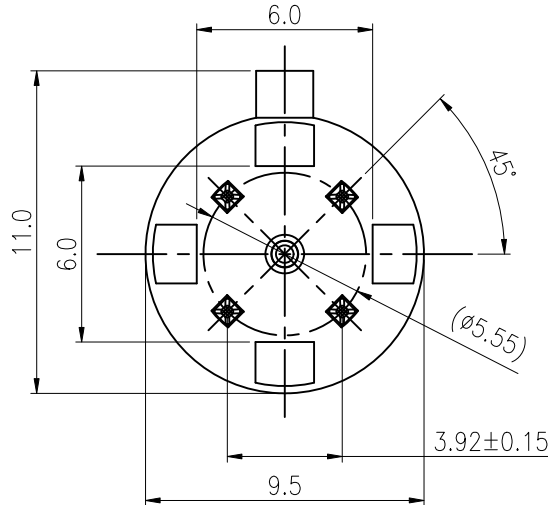
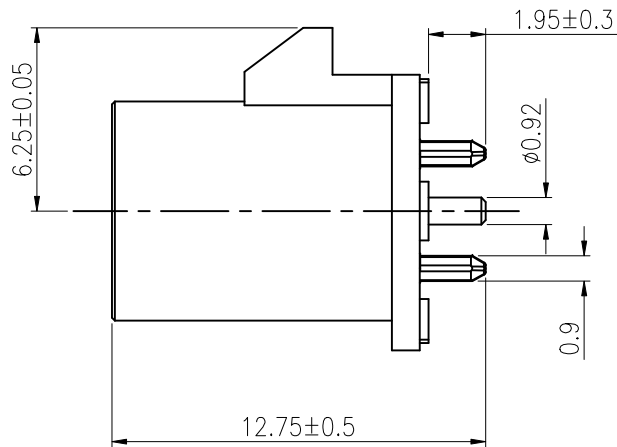


TABLE:

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

	
APPROVED:	CUSTOMER P/N:
CHECKED:	REV.: A0
CHECKED:	SCALE: 4:1
DRAWING:	DATE: 2025-08-05

TITLE:

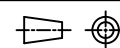
FAKRA Straight Plug PCB Connector, Pin length 1.95 mm

DRAWING NO.

ORDER NO.

805020-00-001

THIRD ANGLE
PROJECTION



TOLERANCES ARE:
DECIMALES ANGLES
.x ±0.5 x.° ±5.0°
.xx ±0.3 x.° ±3.0°

UNITS: mm
SHEET: 1 OF 2

SIZE: A4

F