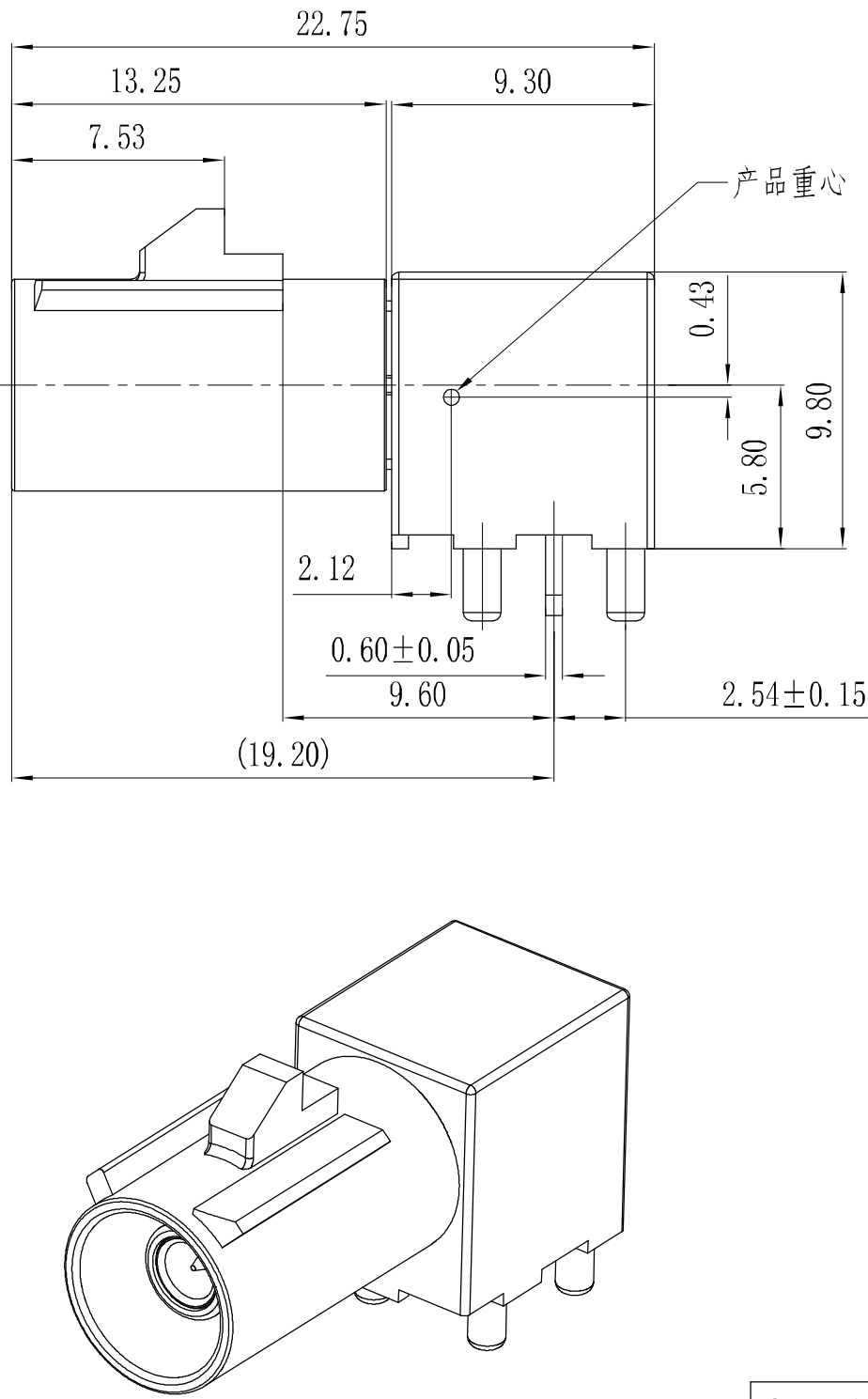
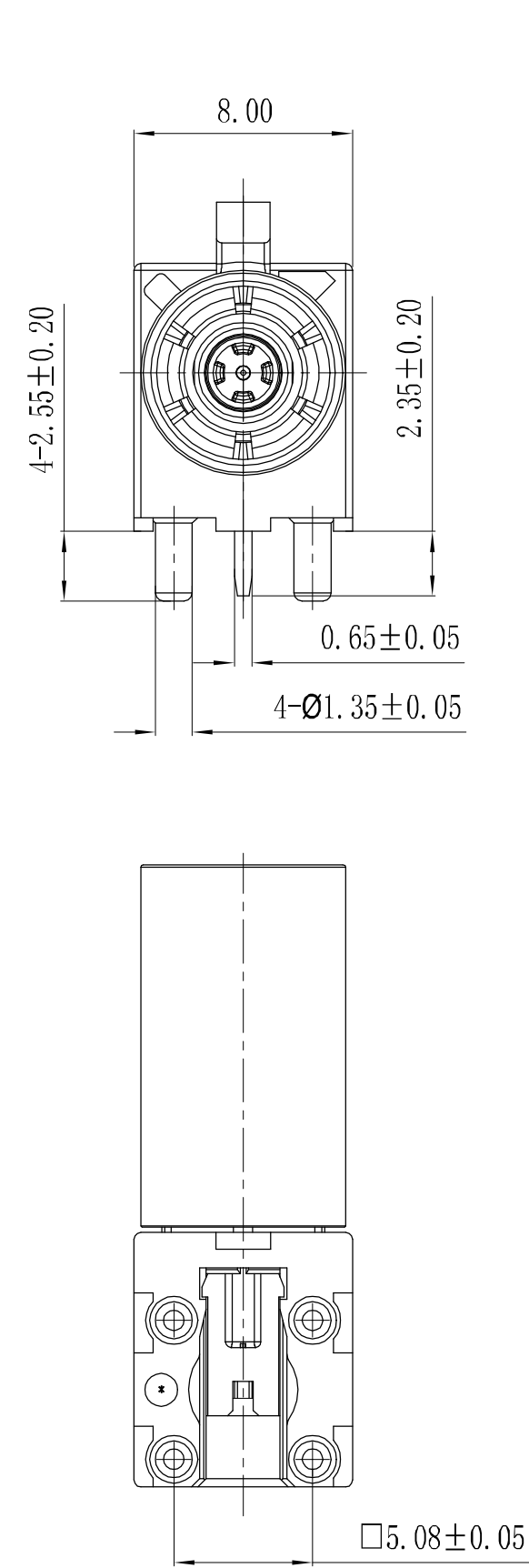


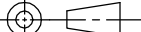
此文件为双方检验的唯一标准
This document is the only standard for inspection by both parties.

REV.	ECN. NO.	MODIFY. CONTENT	DATE
X1		Initial version	2020.06.30
X2		Change P/N & SPEC	2020.11.11

CODE RIGHT ORIENTATION
Shown as: 1FABN10FU1RA3R00



- NOTE:
- INTERFACE:
ACC. TO DIN72594-1.THE CONFIGURATION OF THE CODINGS IS SHOWN ON SHEET 2.
 - ELECTRICAL DATE
IMPEDANCE 50 Ω
FREQUENCY DC to 6 GHz
TEST VOLTAGE 750 V rms
WORKING VOLTAGE 335 V rms
POWER CURRENT ≤ 1A DC
ISULATION RESITANCE ≥ 1000 MΩ INITIAL
VOLTAGE STANDING WAVE RATIO(VSWR) SWR ≤ 1.4 0 to 2 GHz
SWR ≤ 1.5 2 to 3 GHz
 - MECHANICAL DATA
MATING CYCLES ≥ 25
ENGAGEMENT FORCE ≤ 40 N
DISENGAGEMENT FORCE ≥ 2 N
RETENTION FORCE ≥ 110 N
CODING EFFICIENCY ≥ 80 N
 - ENVIRONMENTAL DATA
TEMPERATURE RANGE -40 ° C to +105 ° C
STORAGE CONDITION MSL2 (≤30° C/60% RH)
THERMAL SHOCK DIN 72594-2 clause 8.2
TEMPERATURE AND HUMIDITY DIN 72594-2 clause 8.3
VIRBRATION AND MECHANICALSHOCK DIN 72594-2 clause 8.1
DRY HEAT DIN 72594-2 clause 8.4
SOLDERING PROFILE ACC. to IEC 60068-2-58 group 3&4
RoHS /HALOGEN FREE COMPLIANT
 - MATERIAL AND PLATING :
CORE PIN BRASS,GOLD ON CONTACT AREA,TIN AT TAIL
CORE PIN HOLDER PA6T,BLACK
INTERFACE HOUSING PA6T, COLOR REFER TO DIN72594-1
OUTER HOUSING Zn ALLOY,TIN PLATING
 - PACKAGE: TAPE REEL

GENERAL TOLERANCE				DRAWN	SANDY. GUO	11/11'20	SCALE	PART NO.	1FABN10FU1R*3R00	
X. ±0.30		x. ±3.0		CHECKED			N/A	TITLE	FAKRA R/A SINGLE POLE CONNECTOR	
.X±0.25		.x' ±2.0		APPROVED			UNITS	mm		
.XX±0.20				File NO.	FABN1001S				CUSTOMER DRAWING	
.XXX±0.10				REV.	蘇州祥龍嘉業電子科技股份有限公司 Goldenconn Electronics Technology Co.,LTD					
SHEET	1/2	Q'TY	1	X2						

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SEE SHEET 1

1: FINISHED GOOD 1 FAB N 10 F U 1 R * 3 R 00

FAB: FAKRA BOARD SIDE

N: W/O SHIELDING PLATE

10: SEQUENTIAL CODE

F: GOLD FLASH PLATED

LATCH DIRECTION
U: UP

POLE NUMBER
1: SINGLE POLES

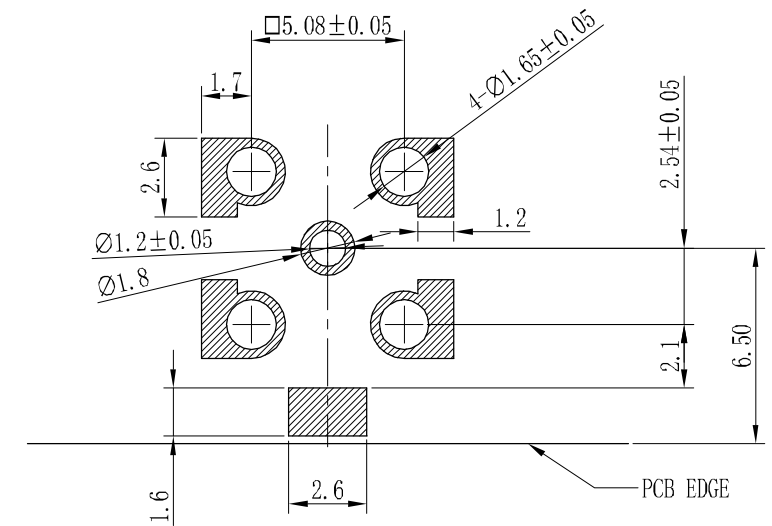
MATING TYPE
R=RECEPTACLE

PACKING:
3=TAPE REEL W/O MYLAR

CODING:
REFER TO ISO 20860-1 OR DIN72594-1

HF=HALOGEN FREE
00=ROHS

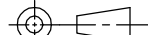
SPECIAL TYPE
R = R/A THR



RECOMMENED PCB LAYOUT

TOP VIEW TOLERANCE $\pm 0.05\text{mm}$



GENERAL TOLERANCE				DRAWN	SANDY. GUO	11/11'20	SCALE	PART NO.	1FABN10FU1R*3R00	
X. ± 0.30		x. ± 3.0		CHECKED			N/A	TITLE	FAKRA R/A SINGLE POLE CONNECTOR	
.X ± 0.25		.x ± 2.0		APPROVED			UNITS	mm		
.XX ± 0.20				File NO.	FABN1001S				CUSTOMER DRAWING	
.XXX ± 0.10				REV.	蘇州祥龍嘉業電子科技股份有限公司 Goldenconn Electronics Technology Co.,LTD					
SHEET	2/2	Q'TY	1	X2						