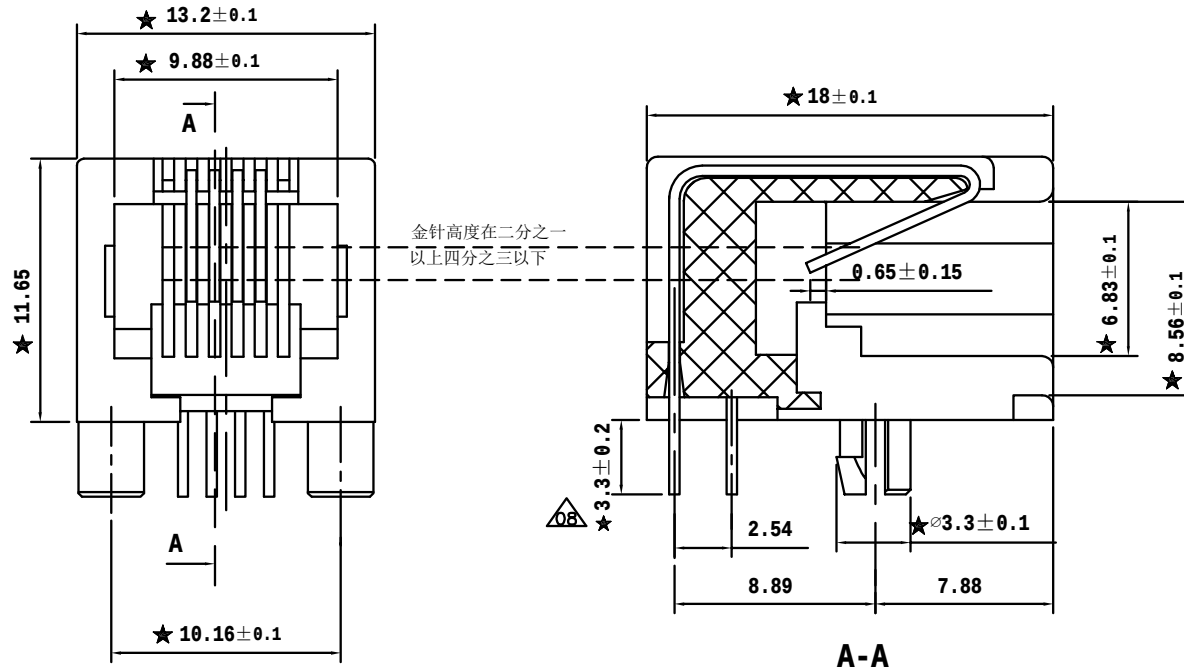


NO.	ECN NO.	DESCRIPTION	REV.	DRAW	DATE



SPECIFICATION NOTES:

ELECTRICAL:

- VOLTAGE RATING: 125VAC RMS
- CURRENT RATING: 1.5AMP
- CONTACT RESISTANCE: $20m\Omega$ MAX.
- INSULATION RESISTANCE: $1000M\Omega$ MIN. AT 500VDC.
- DIELECTRIC STRENGTH: 1000VAC OR 1500VDC RMS AT 0.5mA 50Hz/60Hz FOR 1 MINUTE

MECHANICAL:

- HOUSING&INSERT&MATERIAL: PBT BLACK UL94V-0
- CONTACT MATERIAL: DIA. PHOSPHOR BRONZE $\phi = 0.46MM$
- PLATING: 6u" GOLD PLATING AT CONTACT AREA, NICKEL SEE THE DESCRIPTION. OVER ALL
- OPERATING LIFE: 750 CYCLES MIN.
- MATING/UNMATING FORCE: 30N/3.06KG MAX.
- RETENTION STRENGTH: 50N MIN. FOR $60S \pm 5S$

ENVIRONMENTAL:

- STORAGE: $-40^{\circ}C$ TO $+85^{\circ}C$ RELATIVE HUMIDITY < 80%
- GUARANTEE PERIOD: 12 MONTHS
- OPERATION: $-40^{\circ}C$ TO $+85^{\circ}C$
- WAVE SOLDERING TEMPERATURE: $260 \pm 5^{\circ}C$ 5~10 SECONDS. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

TOLERANCE				APPS Electronics Limited			
.X	± 0.25	X.	$\pm 2^{\circ}$				
.XX	± 0.15	.X.	$\pm 1^{\circ}$				
.XXX	± 0.075						
SCALE	1:1	PROJ.		DESIGN		TITLE	1*1 6P4C Connector
SHEET	1/1	SIZE	A4	CHECKED		ITEM NO.	AE-RJC100005
UNIT	mm	REV.	A	APPROVE		DWG NO.	