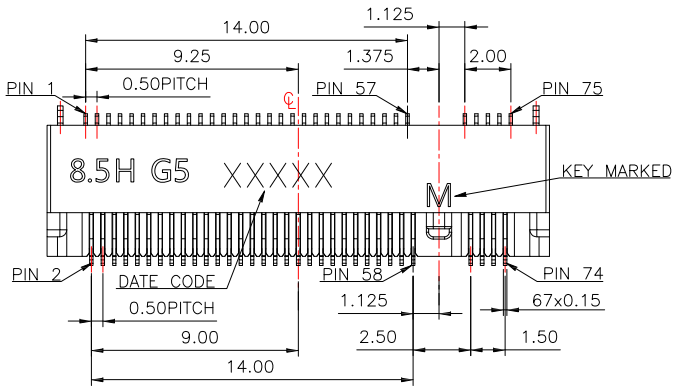
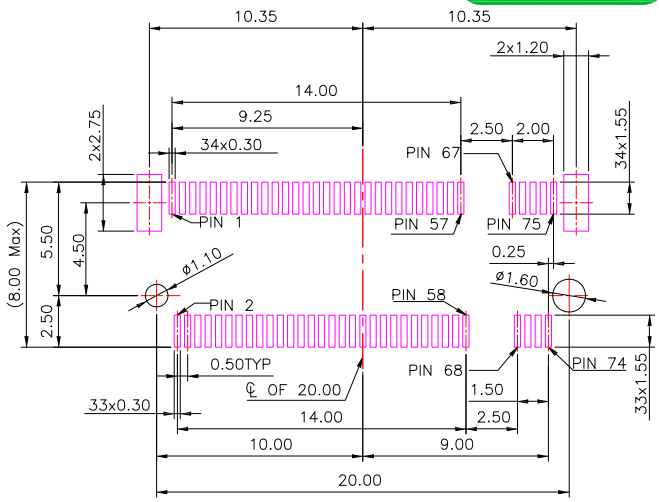
NGF5-85S1M-x-S268

鍍層厚度：

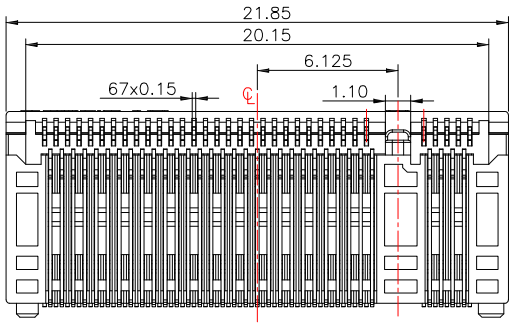
Blank : 1u"
2 : 15u"
3 : 30u"

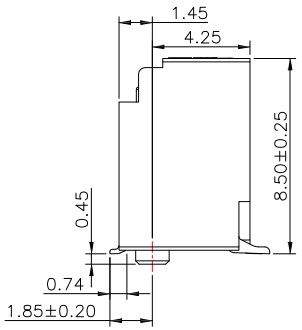


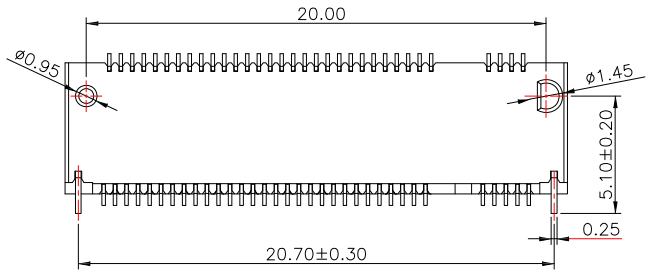


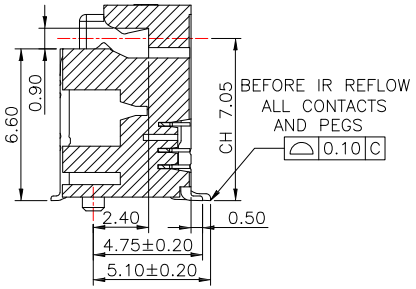
RECOMMENDED PCB LAYOUT(TOP VIEW)

(DEFAULT TOLERANCE:±0.05mm)









NOTE:

1. MATERIAL:
   1-1. HOUSING: LCP , COLOR: BLACK
   1-2. CONTACT: PHOSPHOR BRONZE
   1-3. PEG: BRASS
2. Finish:
   2-1. CONTACT: PLATED GOLD IN MATING AREA ;
   GOLD PLATED ON SOLDER BALLS
   NICKEL UNDER PLATED OVERALL
   2-2. PEG: TIN PLATING ON THE SOLDERING AREA ;
   NICKEL UNDER PLATING OVERALL
3. ELECTRICAL CHARACTERISTICS:
   3-1. CONTACT CURRENT RATING: 0.5 A;
   3-2. VOLTAGE RATING: 50V AC;
   3-3. INSULATION RESISTANCE:500 MΩ MIN;
   3-4. DIELECTRIC WITHSTANDING VOLTAGE: 300V AC
   3-5. CONTACT RESISTANCE: 55 mΩ MAX
4. MECHANICAL CHARACTERISTICS:
   4-1. DURABILITY: 60 CYCLES;
5. OPERATION TEMPERATURE: -40°C TO +80°C.

ITEM NO.	DESCRIPTION	DRAWN	DATE

CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

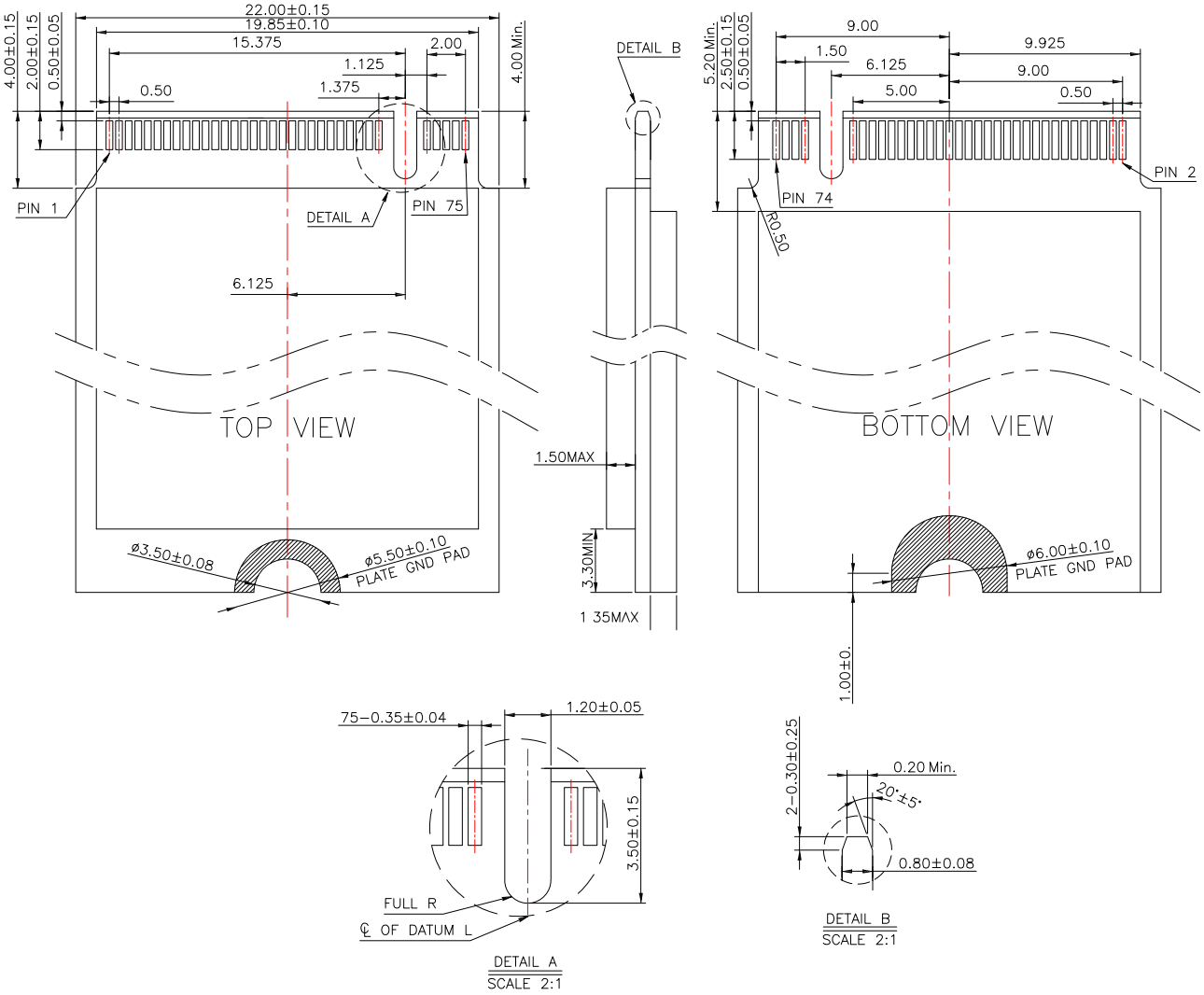
TOLERANCE UNLESS OTHERWISE STATED : Up to 5 ±0.2; Above 5 ~ 15 ±0.3; Above 15 ~ 30 ±0.4; Above 30 ~ 50 ±0.5; Angle ±0.3°

3RD. ANGEL'S | UNITS | MM

DRAWN BY: Jack Lu	DATE 06/02/26	MAT'L	
CHECKED BY: Jacky Chen	DATE 06/02/26	FINISH	
APPROVED BY: Tony Kao	DATE 06/02/26	SCALE	1 : 1
		SHEET NO.	1 of 2

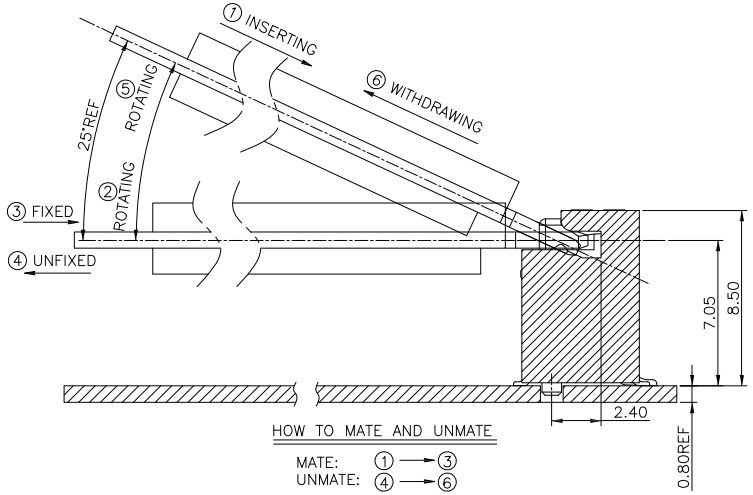
TITLE	CONNECTOR		
MODLE	M.2 M-KEY 8.5H GEN5		
DWG NO.	NGF5-85S1M-x-S268	SIZE	A4
PART NO.	NGF5-85S1M-x-S268	VER	R

RoHS Compliant



DETAIL A
SCALE 2:1

DETAIL B
SCALE 2:1



HOW TO MATE AND UNMATE

MATE: ① → ③
UNMATE: ④ → ⑥

ITEM NO.	DESCRIPTION	DRAWN	DATE

建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS OTHERWISE STATED :
Up to 5 ±0.2
Above 5 ~ 15 ±0.3
Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5
Angle ±0.3°

3RD. ANGEL'S | UNITS | MM

DRAWN BY: Jack Lu	DATE 06/02/26	MAT'L	
CHECKED BY: Jacky Chen	DATE 06/02/26	FINISH	
APPROVED BY: Tony Kao	DATE 06/02/26	SCALE	1 : 1
		SHEET NO.	1 of 2

TITLE	CONNECTOR		
MODLE	M.2 M-KEY 8.5H GEN5		
DWG NO.	NGF5-85S1M-x-S268	SIZE	A4
PART NO.	NGF5-85S1M-x-S268	VER	R