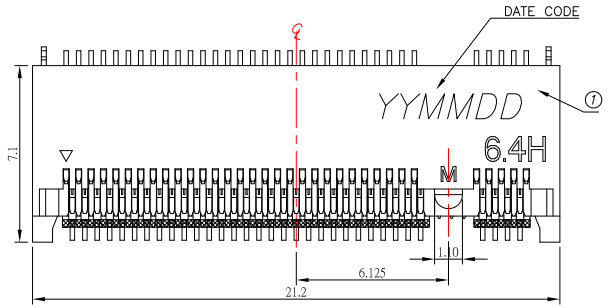
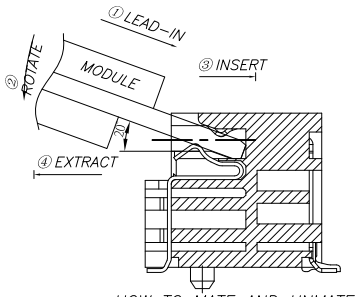
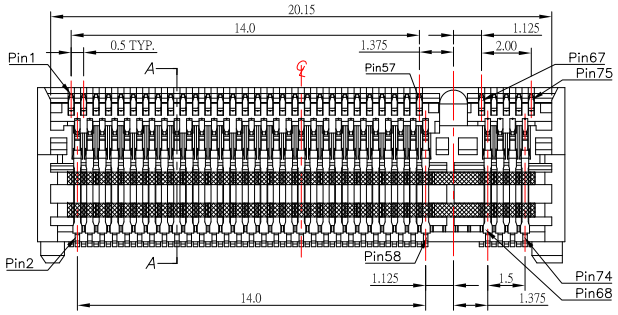
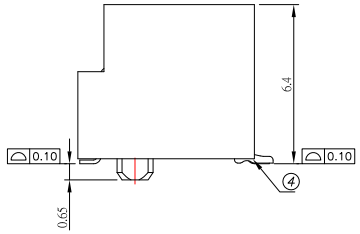
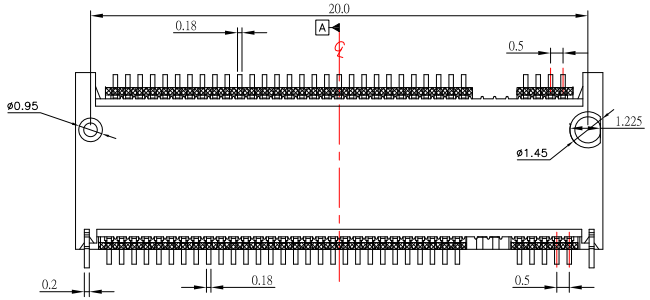


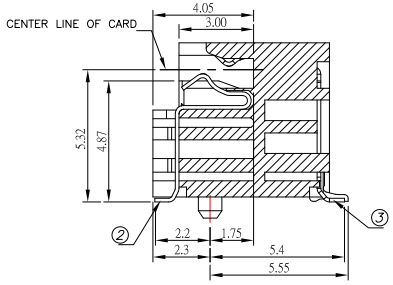


HOW TO MATE AND UNMATE
MATE: ① – ② – ③
UNMATE: ④









SECTION A–A

1.SPECIFICATION:

1.1 Current Rate: 0.5 A

1.2 Voltaget Rate: 50V AC

1.3 Insulator Resistance: 500 MΩ Min

1.4 Dielectric Strength: 300V AC

1.5 Contact Resistance: 55mΩ Max

1.6 Mating Force: 20N Max

1.7 Unmating Force: 20N Max

2.MATERIAL:

2.1 Housing: LCP,UL94V-0

2.2 Contact: Phosphor Bronze

2.3 Leg: Brass

3.Finish:

3.1 Contact: Plated Gold in Mating Area ;
Tin Plated on Solder Balls ;
Nickel under plated overall

3.2 Leg: Tin Plated on Solder Balls
Nickel under plated overall

ITEM NO.	DESCRIPTION	DRAWN	DATE

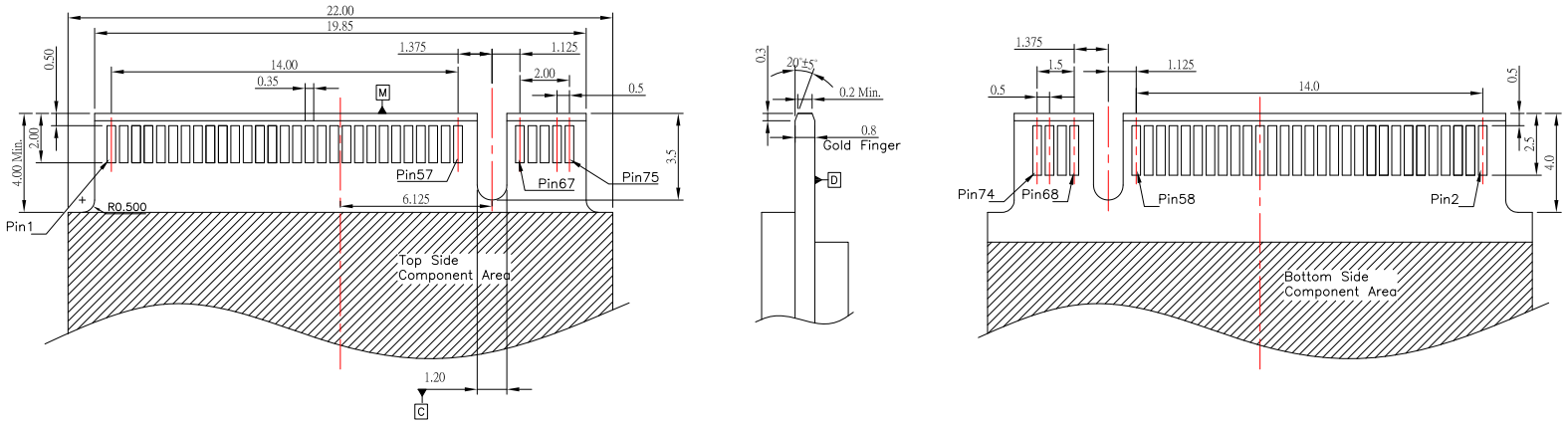
CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

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°

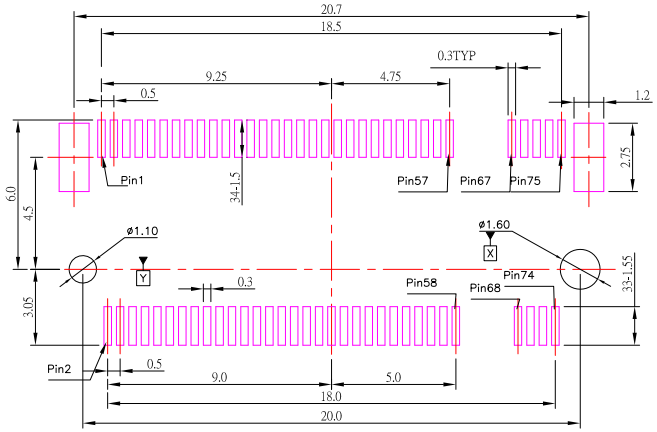
3RD. ANGEL'S | UNITS MM

DRAWN BY: Jack Lu	DATE 11/25/16	MAT'L	
CHECKED BY: Jacky Chen	DATE 11/25/16	FINISH	
APPROVED BY: Tony Kao	DATE 11/25/16	SCALE 1 : 1	SHEET NO. 1 of 2

TITLE	CONNECTOR		
MODLE	NGFF SOCKET(M.2 CONNECTOR) H:6.4 STD M KEY DUAL-SMT TYPE		
DWG NO.	NGF-64SM-S273	SIZE	A4
PART NO.	NGF-64SM-S273	VER	R



Recommended Mould Finger Layout



Recommended PCB Layout(Top View)

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 11/25/16	MAT'L	
CHECKED BY: Jacky Chen	DATE 11/25/16	FINISH	
APPROVED BY: Tony Kao	DATE 11/25/16	SCALE 1 : 1	SHEET NO. 2 of 2

TITLE	CONNECTOR		
MODLE	NGFF SOCKET(M.2 CONNECTOR) H:6.4 STD M KEY DUAL-SMT TYPE		
DWG NO.	NGF-64SM-S273	SIZE	A4
PART NO.	NGF-64SM-S273	VER	R