

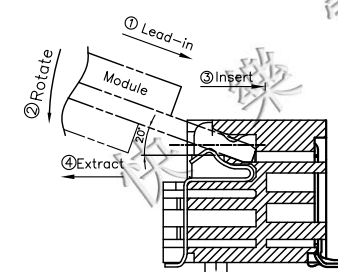
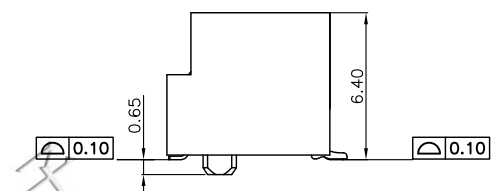
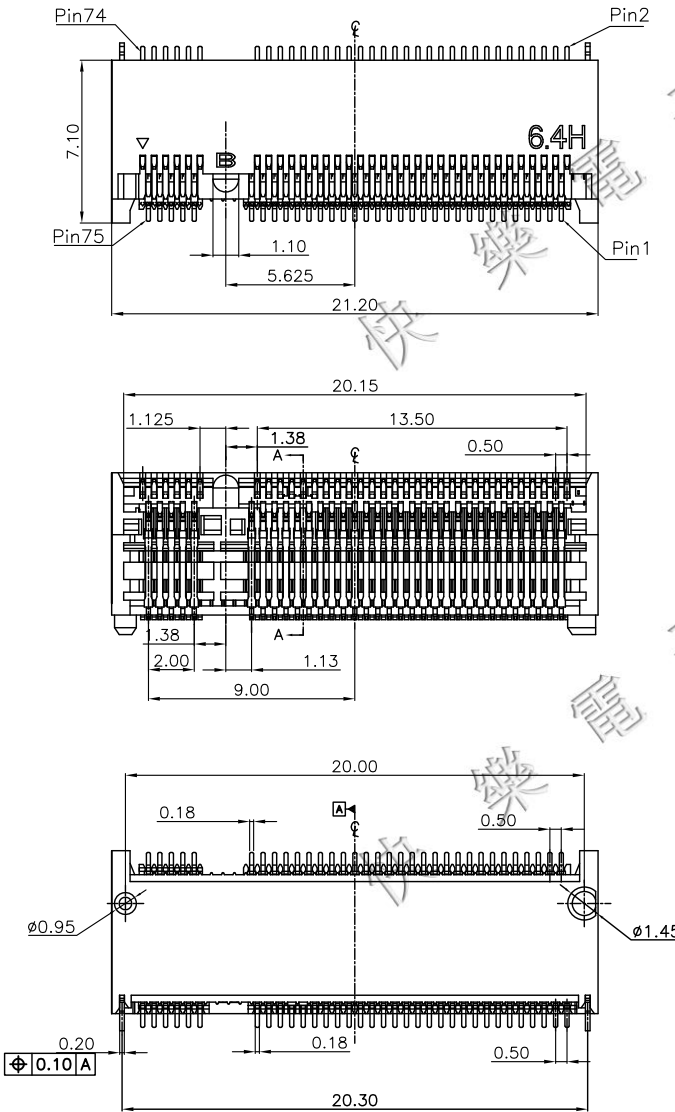
Notes:

- 1.Kaler Part Material Description
  - 1.1 Housing:High Temperature Thermoplastic, Black UL 94V-0.
  - 1.2 Contact:Copper Alloy,Gold Plating at Mating Area.Matte Tin Plating at Solder Tail, All over Nickel.
  - 1.3 Leg:Copper Alloy,Matte Tin Plating over All, All over Nickel.
3. Ratings
  - 3.1 Voltage Rating: 50V AC (Per pin);
  - 3.2 Current Rating: 0.5A (Per pin);
  - 3.3 Operating Temperature: -25°C ~ 85°C;
4. Electrical Requirement:
  - 4.1 LLCR: 55mΩ Max,(Initial), 20mΩ Max. change allowed(Final);
  - 4.2 Dielectric Withstanding Voltage: 300V AC (RMS) for 1 minute;
  - 4.3 Insulation Resistance: 500MΩ Min. @ 500V DC.
5. Mechanical Requirement:
  - 5.1 Mating Force: 20N Max.
  - 5.2 Unmating Force: 20N Max.
  - 5.3 Durability: 60 Cycles.

NF17-01B0 x

Contact plated:

- 1:Contact area G/F, Solder tail G/F;
- 2:Contact area Au 3u", Solder tail G/F;
- 3:Contact area Au 5u", Solder tail G/F;
- 4:Contact area Au 10u", Solder tail G/F;
- 5:Contact area Au 15u", Solder tail G/F;
- 6:Contact area Au 30u", Solder tail G/F;



How to mate and unmate  
Mate: ①-②-③  
Unmate:

SCALE	N/A	DESIGNER	CHEN	22/9/22
REV	A	CHECKED	PANG	22/9/22
SHEET	1	APPROVE	JOHN	22/9/22

UNLESS OTHKRWISE SPECIFIED DIMENSIONS ARE IN mm

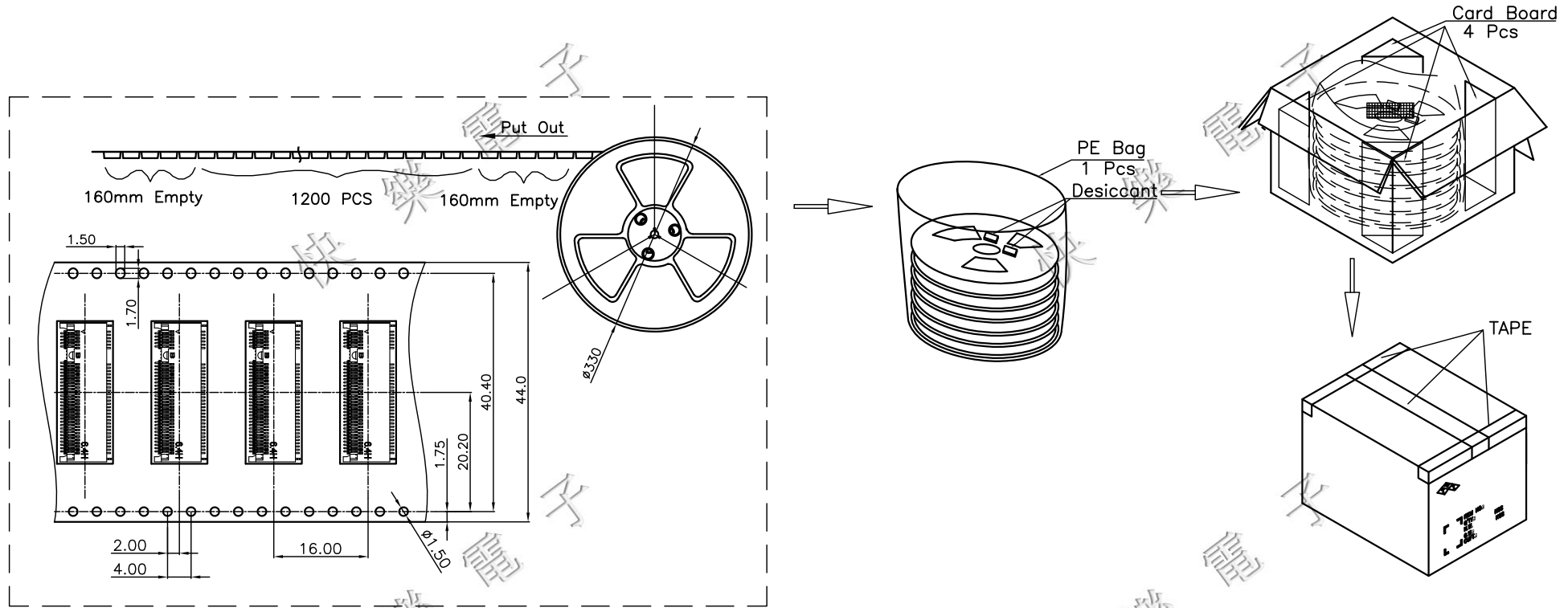
DIMRNSION	TOLERANCE
.XX	± 0.20
.X	± 0.30
X .	± 0.50
ANGULAR	± 3°
UNIT	mm

 **快樂電子有限公司**  
KALER KALER ELECTRONICS CO.,LTD.

REVISIONS				
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE
			INITIALRELEASE	

TITLE:	NGFF Socket (M.2 Connector)6.4H, STD B Key
PART NO.	NF17-01B01
DWG.NO.	





- Notes:
1. Peel off force of top tape: 0.1~1.3N;
  2. 1200 pcs/reel, 8400 pcs/carton.

					SCALE	N/A	DESIGNER	CHEN	22/9/22	UNLESS OTHKRWISE SPECIFIED DIMENSIONS ARE IN mm	福大電子有限公司 FODOT ELECTRONICS CO.,LTD.		
					REV	A	CHECKED	PANG	22/9/22				DIMRNSION
					SHEET	3	APPROVE	JOHN	22/9/22	.XX	± 0.10	TITLE:	NGFF Socket (M.2 Connector)6.4H, STD B Key
REVISIONS										INITIALRELEASE		X .	± 0.30
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE							DWG.NO.		