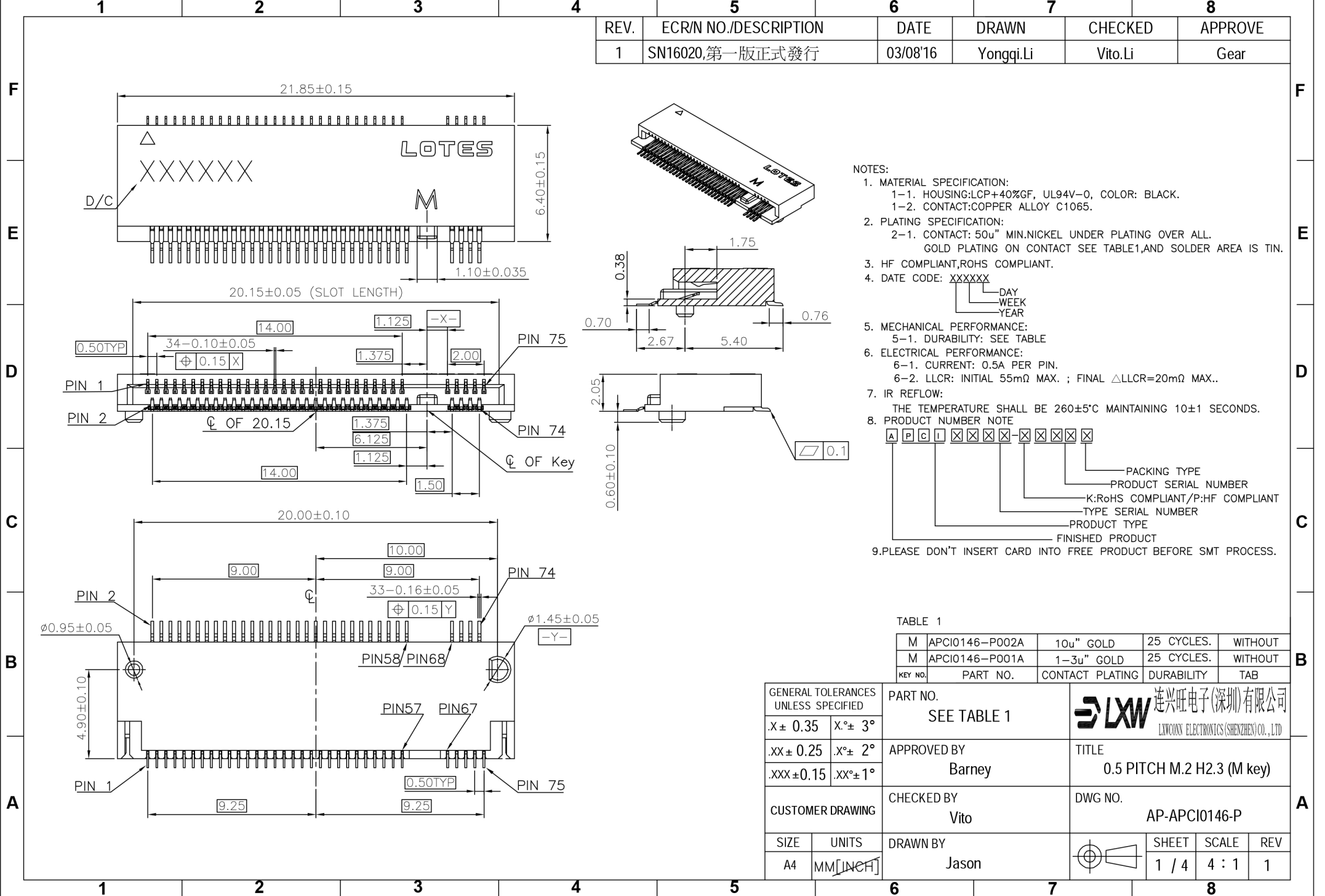




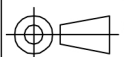
REV.	ECR/N NO./DESCRIPTION	DATE	DRAWN	CHECKED	APPROVE
1	SN16020,第一版正式發行	03/08'16	Yongqi.Li	Vito.Li	Gear

NOTES:

- MATERIAL SPECIFICATION:
1-1. HOUSING:LCP+40%GF, UL94V-0, COLOR: BLACK.
1-2. CONTACT:COPPER ALLOY C1065.
- PLATING SPECIFICATION:
2-1. CONTACT: 50u" MIN.NICKEL UNDER PLATING OVER ALL.
GOLD PLATING ON CONTACT SEE TABLE1,AND SOLDER AREA IS TIN.
- HF COMPLIANT,ROHS COMPLIANT.
- DATE CODE: XXXXXX
DAY
WEEK
YEAR
- MECHANICAL PERFORMANCE:
5-1. DURABILITY: SEE TABLE
- ELECTRICAL PERFORMANCE:
6-1. CURRENT: 0.5A PER PIN.
6-2. LLCR: INITIAL 55mΩ MAX. ; FINAL ΔLLCR=20mΩ MAX..
- IR REFLOW:
THE TEMPERATURE SHALL BE 260±5°C MAINTAINING 10±1 SECONDS.
- PRODUCT NUMBER NOTE
A P C I X X X X - X X X X X
PACKING TYPE
PRODUCT SERIAL NUMBER
K:RoHS COMPLIANT/P:HF COMPLIANT
TYPE SERIAL NUMBER
PRODUCT TYPE
FINISHED PRODUCT
- PLEASE DON'T INSERT CARD INTO FREE PRODUCT BEFORE SMT PROCESS.

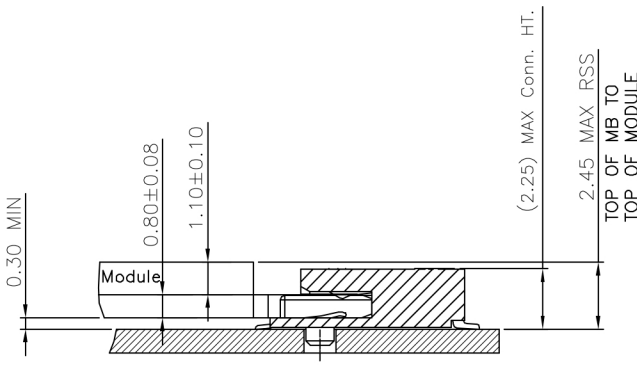
TABLE 1

M	APCI0146-P002A	10u" GOLD	25 CYCLES.	WITHOUT
M	APCI0146-P001A	1-3u" GOLD	25 CYCLES.	WITHOUT
KEY NO.	PART NO.	CONTACT PLATING	DURABILITY	TAB

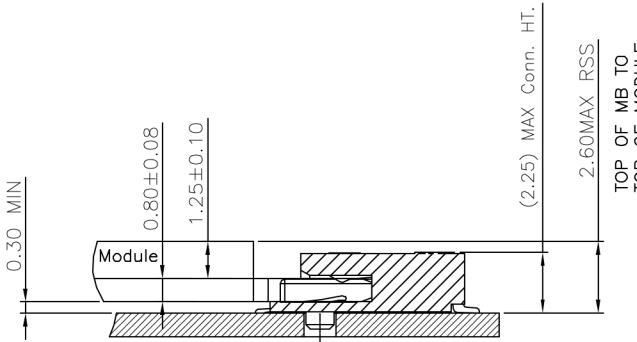
GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. SEE TABLE 1		 连兴旺电子(深圳)有限公司 LXWCONX ELECTRONICS(SHENZHEN) CO., LTD		
X ± 0.35	X.°± 3°					
.XX ± 0.25	.X.°± 2°	APPROVED BY Barney		TITLE 0.5 PITCH M.2 H2.3 (M key)		
.XXX ± 0.15	.XX.°± 1°					
CUSTOMER DRAWING		CHECKED BY Vito		DWG NO. AP-APCI0146-P		
SIZE	UNITS	DRAWN BY Jason				
A4	MM[INCH]					
				SHEET	SCALE	REV
				1 / 4	4 : 1	1

F
E
D
C
B
A

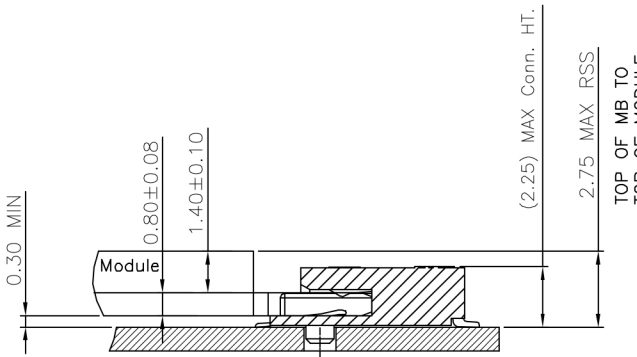
Assembly stack height schematic diagram



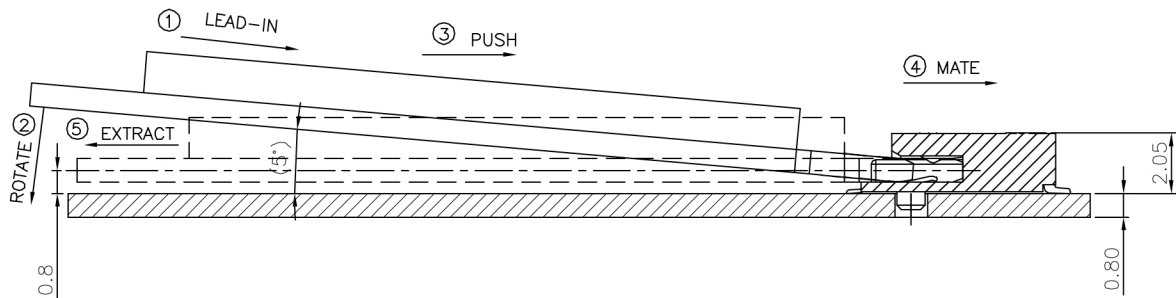
Stack-up Top Mount Single Sided Module
for 1.20 max top-side component height



Stack-up Top Mount Single Sided Module
for 1.35 max top-side component height



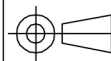
Stack-up Top Mount Single Sided Module
for 1.5 max top-side component height



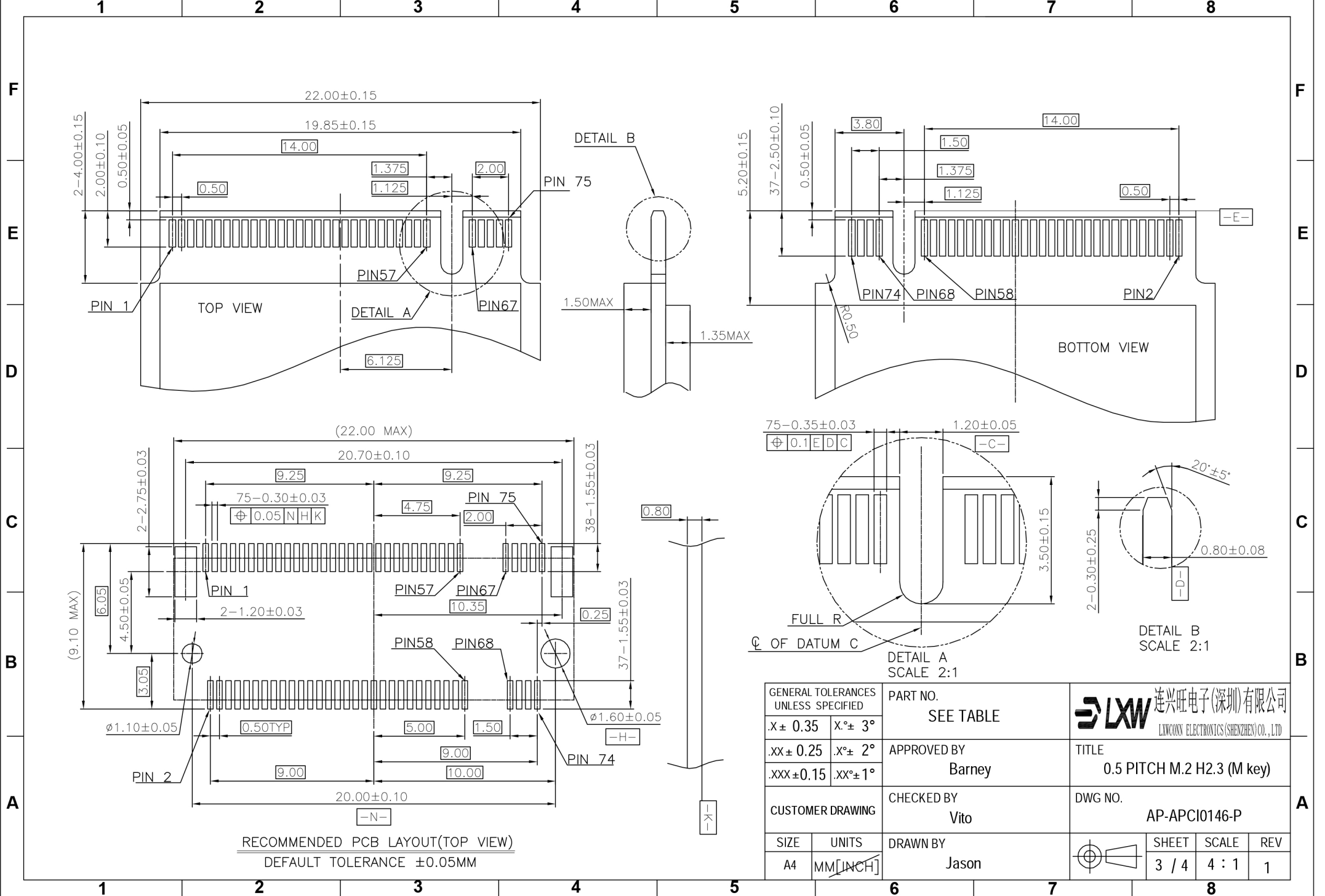
HOW TO MATE AND EXTRACT

MATE: ① → ④
EXTRACT: ⑤

NOTE: Mating force will generate from step 3 to step 4.

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	 连兴旺电子(深圳)有限公司 LXWCONV ELECTRONICS (SHENZHEN) CO., LTD			
.X ± 0.35	X.° ± 3°	SEE TABLE				
.XX ± 0.25	.X.° ± 2°	APPROVED BY Barney	TITLE 0.5 PITCH M.2 H2.3 (M key)			
.XXX ± 0.15	.XX.° ± 1°	CHECKED BY Vito	DWG NO. AP-APCI0146-P			
SIZE	UNITS	DRAWN BY Jason		SHEET	SCALE	REV
A4	MM [INCH]			2 / 4	4 : 1	1

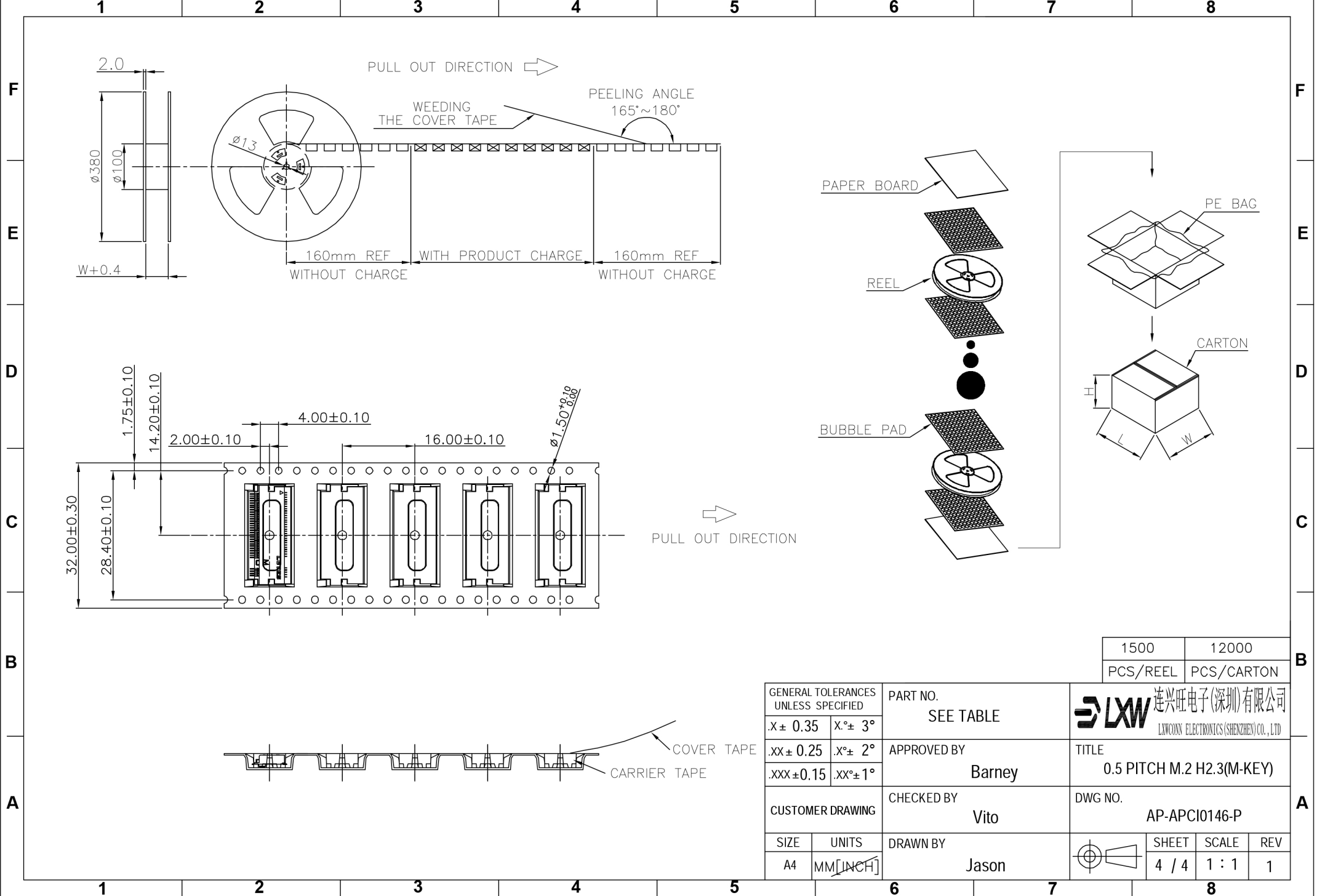
F
E
D
C
B
A

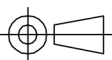


GENERAL TOLERANCES UNLESS SPECIFIED	
.X ± 0.35	X.° ± 3°
.XX ± 0.25	X.° ± 2°
.XXX ± 0.15	.XX° ± 1°

PART NO.	
SEE TABLE	
APPROVED BY	
Barney	
CHECKED BY	
Vito	
DRAWN BY	
Jason	

 连兴旺电子(深圳)有限公司 LXWCON ELECTRONICS(SHENZHEN) CO., LTD	
TITLE	
0.5 PITCH M.2 H2.3 (M key)	
DWG NO.	
AP-APCI0146-P	
SHEET	SCALE
3 / 4	4 : 1
REV	
1	



GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. SEE TABLE	 连兴旺电子(深圳)有限公司 LXWCON ELECTRONICS(SHENZHEN) CO., LTD			
X.± 0.35	X.°± 3°		APPROVED BY Barney	TITLE 0.5 PITCH M.2 H2.3(M-KEY)		
.XX± 0.25	.X.°± 2°					
.XXX±0.15	.XX°±1°	CHECKED BY Vito	DWG NO. AP-APCI0146-P			
CUSTOMER DRAWING		DRAWN BY Jason		SHEET	SCALE	REV
A4	MM[INCH]			4 / 4	1 : 1	1

1500	12000
PCS/REEL	PCS/CARTON