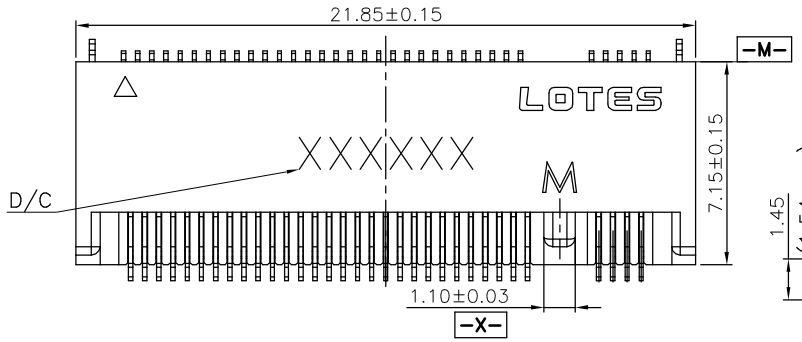
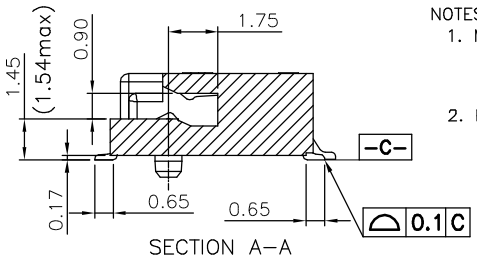
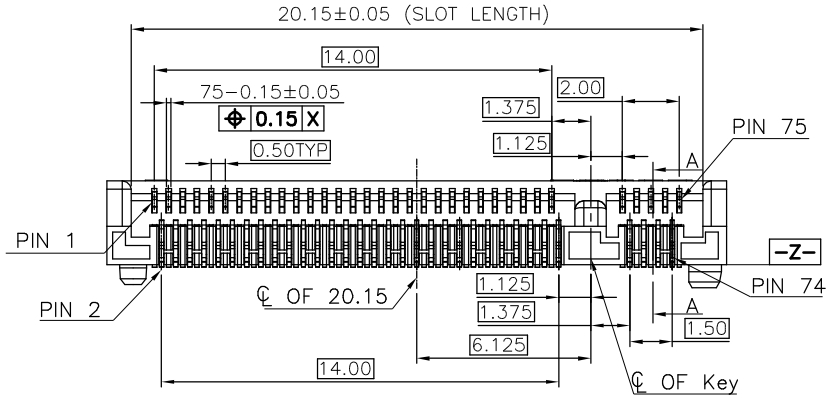
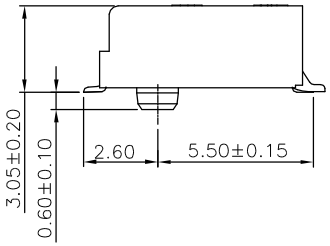
REV.	ECR/N NO./DESCRIPTION	DATE	DRAWN	CHECKED	APPROVE
A	SN19***	10/24'19	Terry	Vito	Frank
A1	SN22***	02/16'21	Reber	Vito	Herch

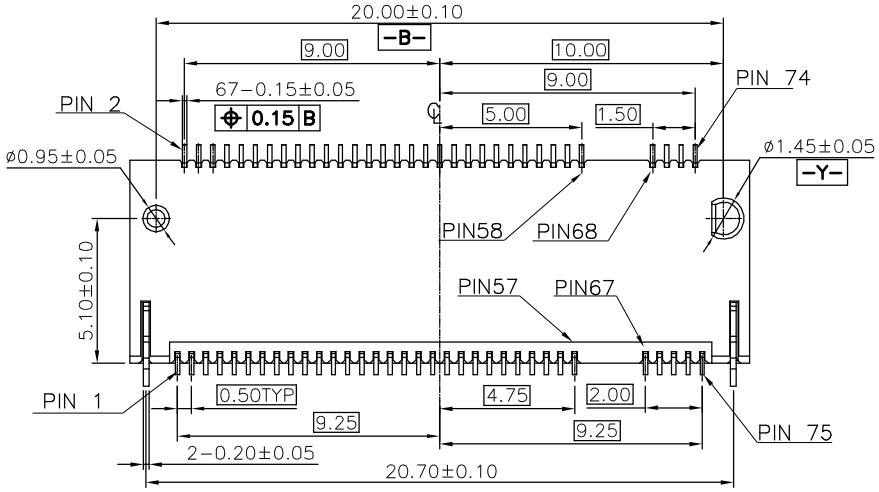




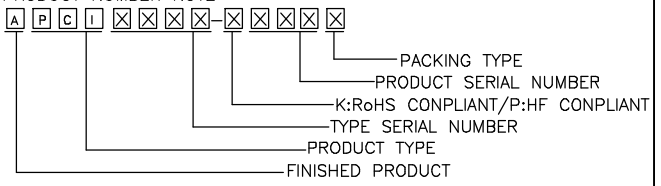
SECTION A-A







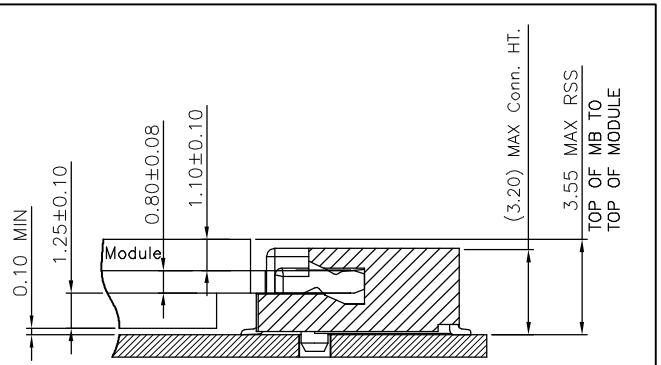
NOTES:
1. MATERIAL SPECIFICATION:
   1-1. HOUSING: LCP+40%GF, UL94V-0, COLOR: BLACK.
   1-2. CONTACT: COPPER ALLOY.
   1-3. SMT TAB: S50C.
2. PLATING SPECIFICATION:
   2-1. CONTACT:
   50u" MIN.NICKEL UNDER PLATING OVER ALL.
   G/F PLATING ON SOLDER AREA.
   GOLD PLATING ON CONTACT AREA:SEE TABLE
   2-2. SMT TAB:
   50u" MIN. NICKEL UNDER PLATING OVER ALL .
   80u" MIN. MATTE TIN PLATING ON SOLDER AREA.
3. HF COMPLIANT,ROHS COMPLIANT.
4. DATE CODE: XXXXXX
   DAY
   WEEK
   YEAR
5. MECHANICAL PERFORMANCE:
   5-1. DURABILITY: SEE TABLE
6. ELECTRICAL PERFORMANCE:
   6-1. CURRENT: 0.5A PER PIN.
   6-2. LLCR: INITIAL 55mΩ MAX. ; FINAL △LLCR=20mΩ MAX..
7. IR REFLOW :
   THE TEMPERATURE SHALL BE 260±5°C MAINTAINING 10±1 SECONDS.
8. PRODUCT NUMBER NOTE



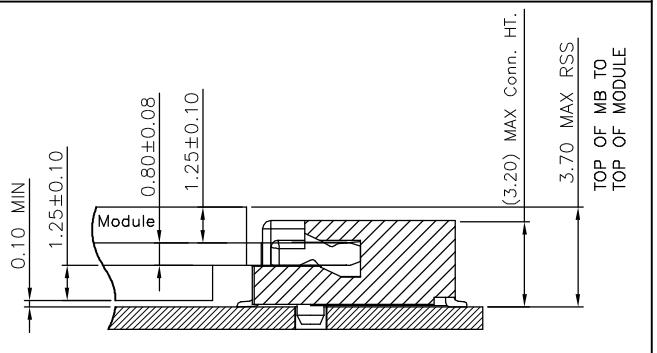
PART NO.	CONTACT PLATING	DURABILITY
APCI0371-P009A	30u" MIN. GOLD	60 CYCLES.
APCI0371-P007A	15u" MIN. GOLD	25 CYCLES.
APCI0371-P011A	10u" MIN. GOLD	25 CYCLES.
APCI0371-P005A	1~3u" MIN. GOLD	25 CYCLES.

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	LOTES
.X ± 0.35	X.°± 3°	SEE TABLE	
.XX ± 0.25	.X°± 2°	APPROVED BY: Frank	TITLE: 0.5Pitch 67pin M.2 H3.2(KEY M)
.XXX ±0.15	.XX°±1°		
CUSTOMER DRAWING		CHECKED BY: Vito	DWG NO.: AP-APCI0371
SIZE: A4	UNITS: MM[INCH]	DRAWN BY: Terry	SHEET: 1 / 4 · SCALE: 4 : 1 · REV: A1

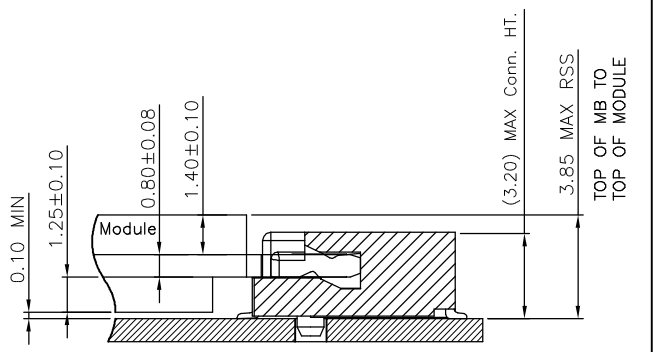
Assembly stack height schematic diagram



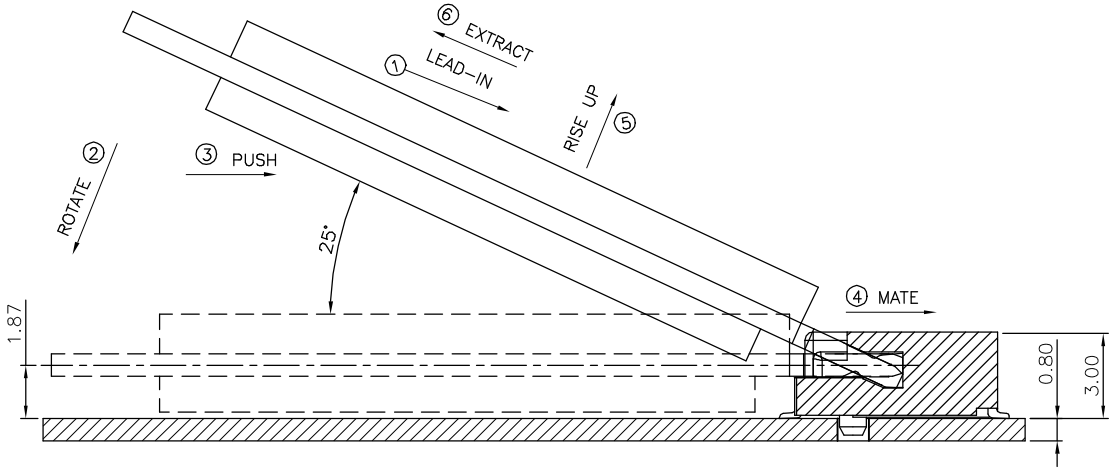
Stack-up Top Mount Double Sided Module
for 1.20 max top-side component height



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



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

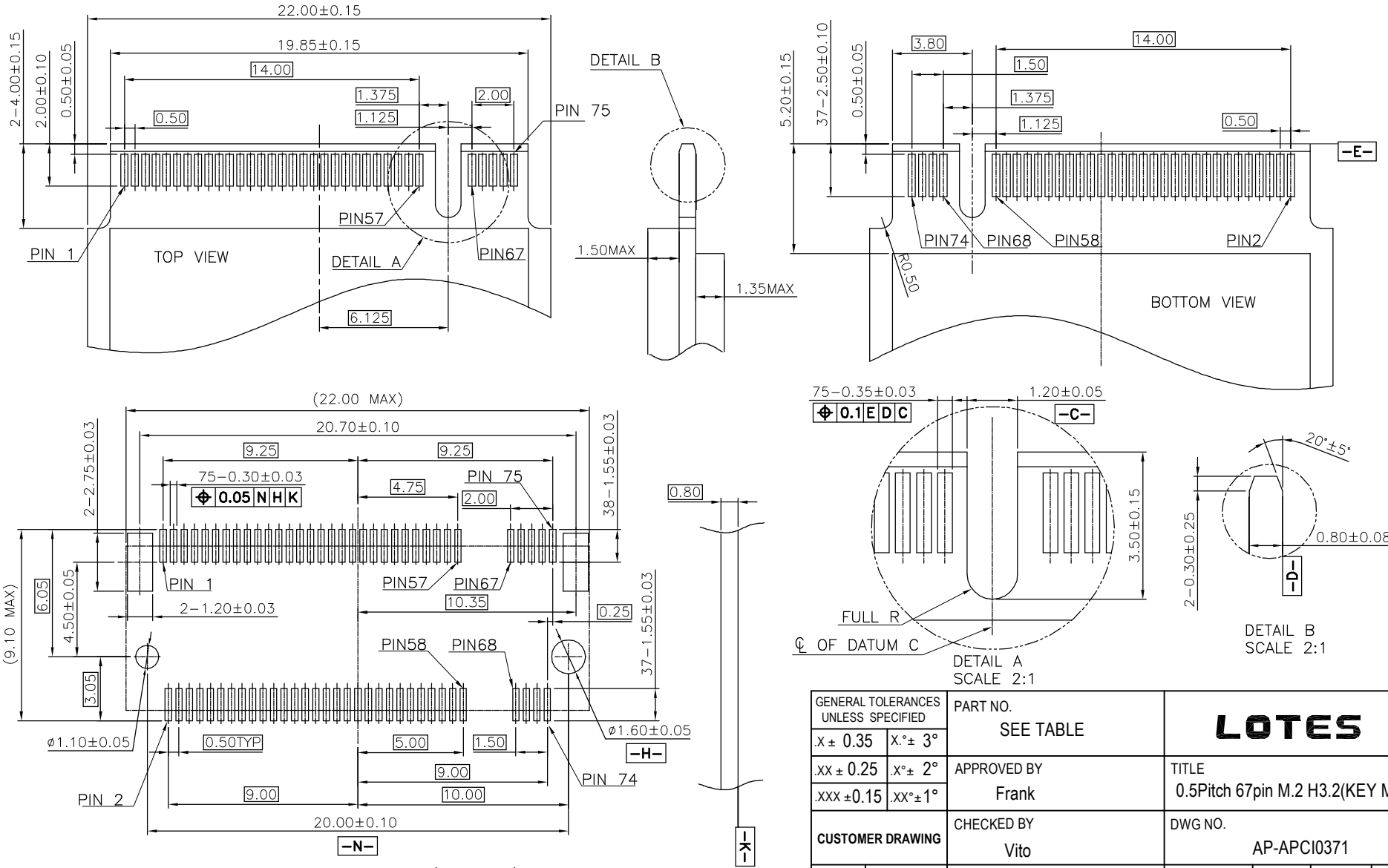


HOW TO MATE AND EXTRACT

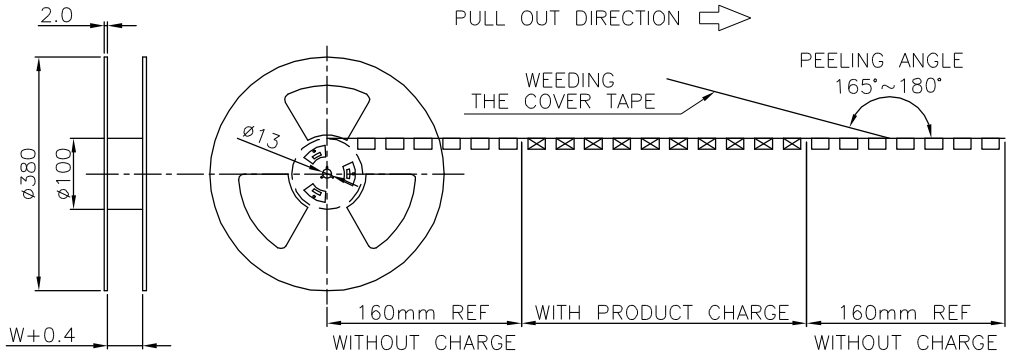
MATE: ① → ④
EXTRACT: ⑤ → ⑥

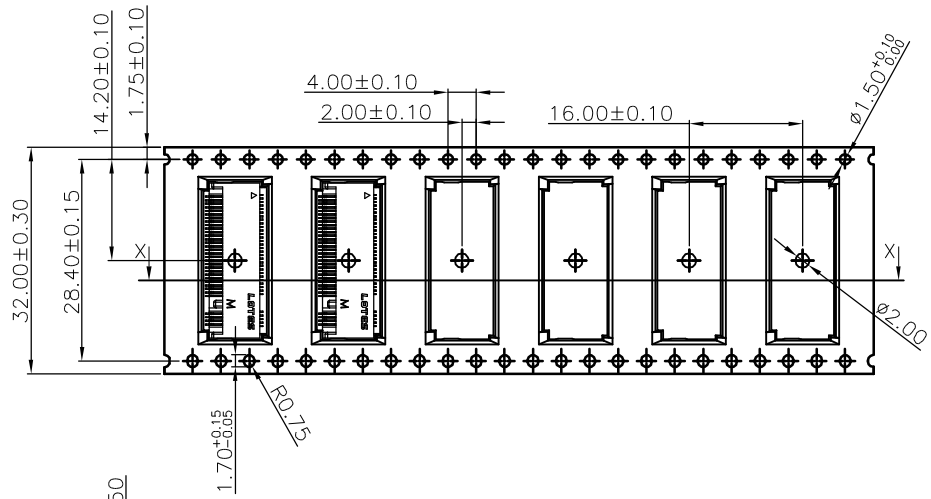
NOTE:Mating force will generate from step 3 to step 4.

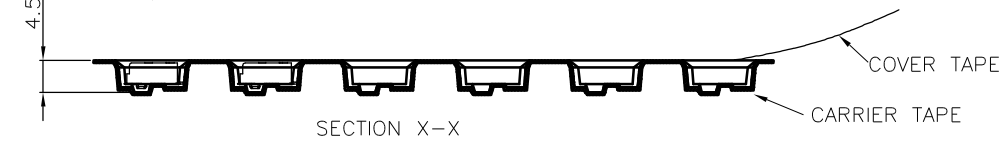
GENERAL TOLERANCES UNLESS SPECIFIED .X ± 0.35 X.°± 3° .XX ± 0.25 .X°± 2° .XXX ±0.15 .XX°±1°		PART NO. SEE TABLE	LOTES
		APPROVED BY Frank	TITLE 0.5Pitch 67pin M.2 H3.2(KEY M)
CUSTOMER DRAWING		CHECKED BY Vito	DWG NO. AP-APCI0371
SIZE A4	UNITS MM~~[INCH]~~	DRAWN BY Terry	SHEET 2 / 4 · SCALE 4 : 1 · REV A1

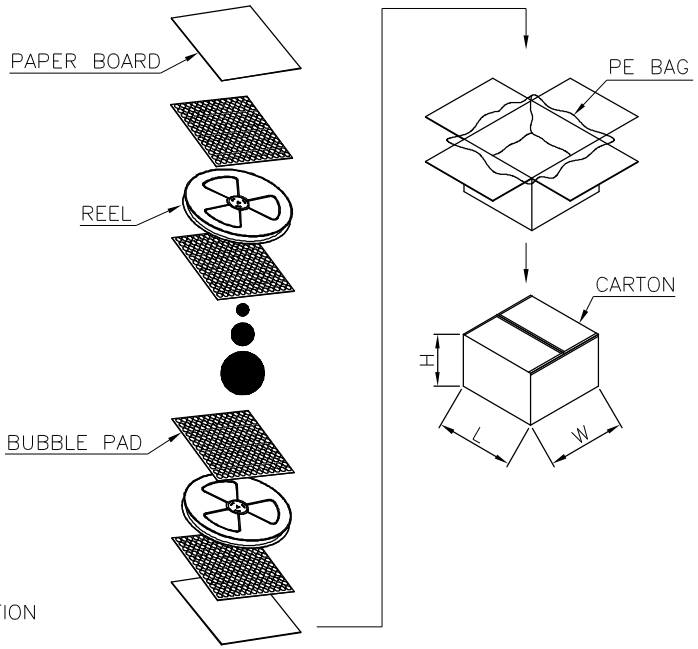


GENERAL TOLERANCES UNLESS SPECIFIED .X ± 0.35 X.°± 3° .XX ± 0.25 .X°± 2° .XXX ±0.15 .XX°±1°	PART NO. SEE TABLE	LOTES	
	APPROVED BY Frank	TITLE 0.5Pitch 67pin M.2 H3.2(KEY M)	
CUSTOMER DRAWING	CHECKED BY Vito	DWG NO. AP-APCI0371	
SIZE A4 / UNITS MM[INCH]	DRAWN BY Terry	SHEET 3 / 4	SCALE 4 : 1 / REV A1









1200	9600
PCS/REEL	PCS/CARTON

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. SEE TABLE	LOTES
.X ± 0.35	X.°± 3°		
.XX ± 0.25	.X°± 2°	APPROVED BY Frank	TITLE 0.5Pitch 67pin M.2 H3.2(KEY M)
.XXX ±0.15	.XX°±1°		
CUSTOMER DRAWING		CHECKED BY Vito	DWG NO. AP-APCI0371
SIZE	UNITS	DRAWN BY Terry	SHEET 4 / 4 · SCALE 1 : 1 · REV A1
A4	MM~~[INCH]~~		