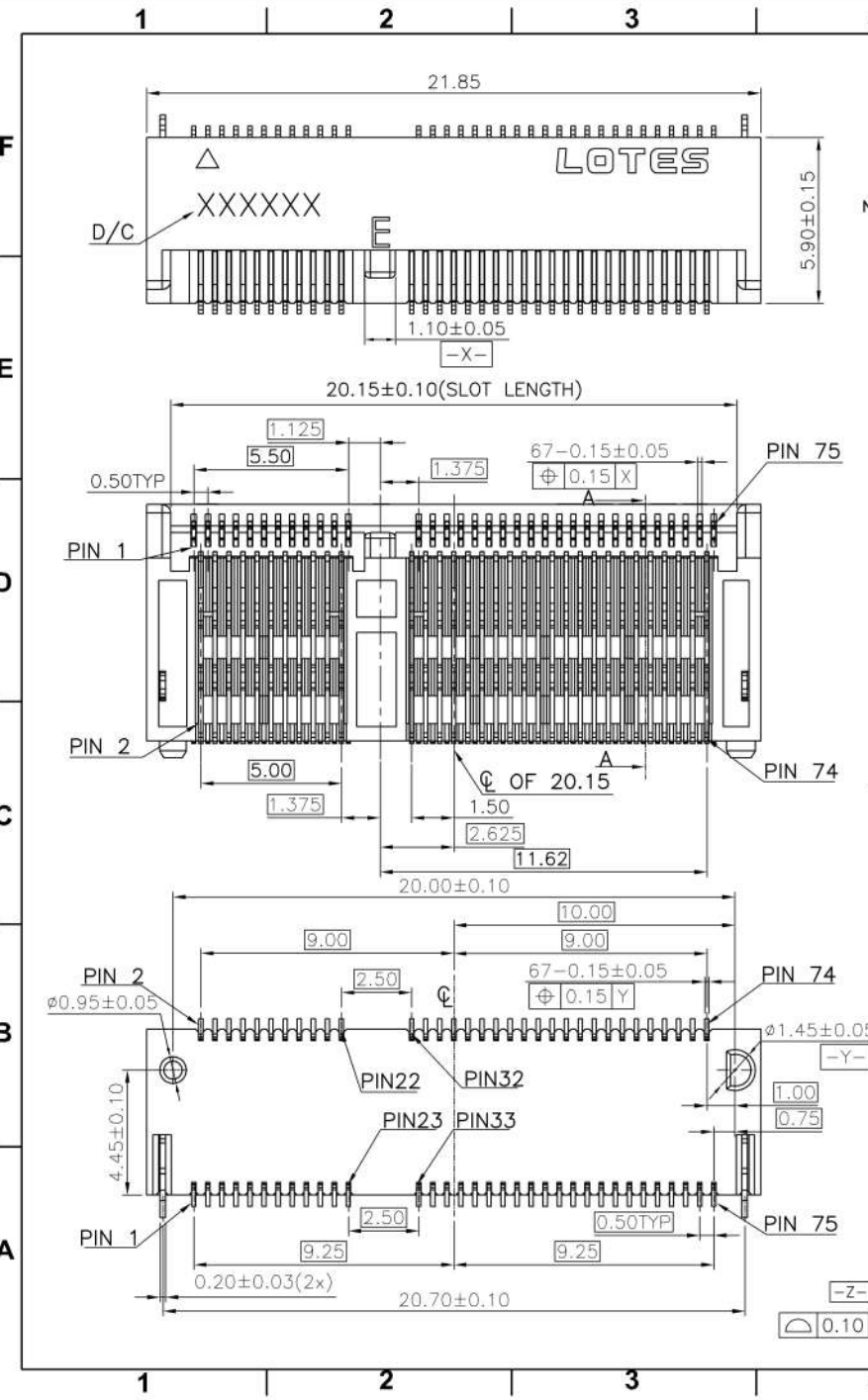


REV.	ECR/N NO./DESCRIPTION	DATE	DRAWN	CHECKED	APPROVE
1	SN14190	01/04'15	Sam	Vito	Barney



NOTES:

- MATERIAL SPECIFICATION:  
1-1. HOUSING: LCP+40%GF,UL-94V0,BLACK.  
1-2. CONTACT:COPPER ALLOY C1065.  
1-3. SMT TAB: S50C.
- PLATING SPECIFICATION:  
2-1. CONTACT:  
50u" MIN.NICKEL UNDER PLATING OVER ALL.  
GOLD PLATING ON SOLDER TAIL 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.

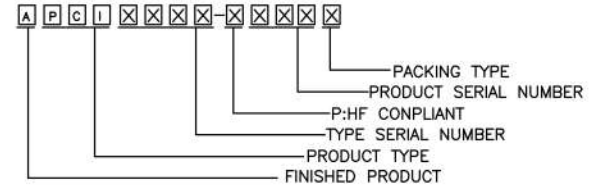
4. DATE CODE: XXXXXX  
 X DAY  
 X WEEK  
 X YEAR

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 ΔLLCR=20mΩ MAX..

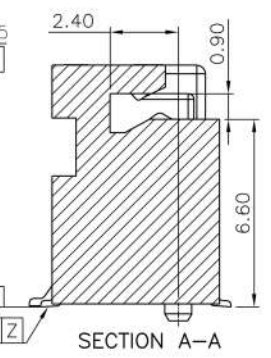
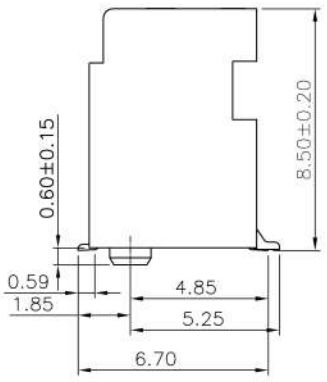
7. IR REFLOW:  
THE TEMPERATURE SHALL BE 260±5°C MAINTAINING 10±1 SECONDS.

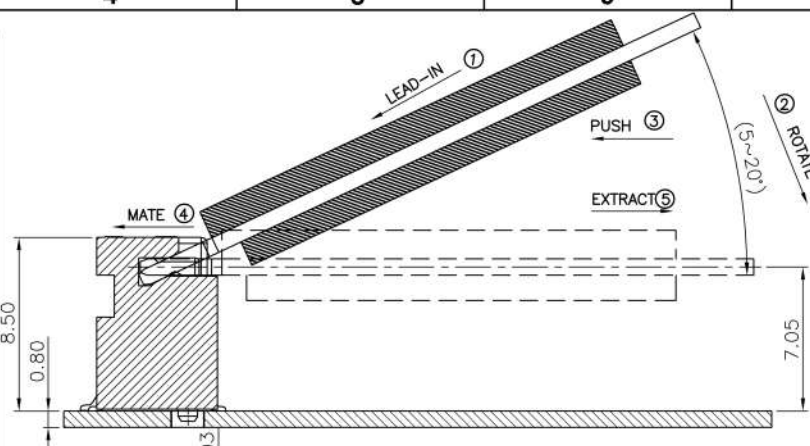
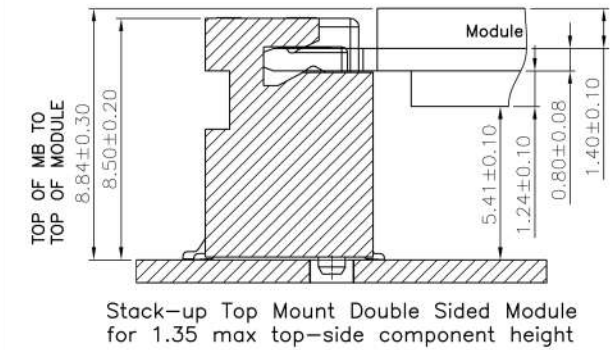
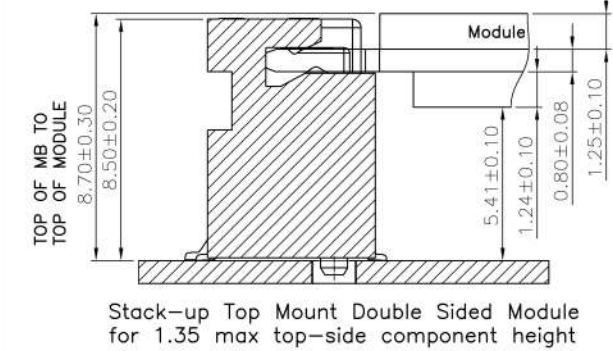
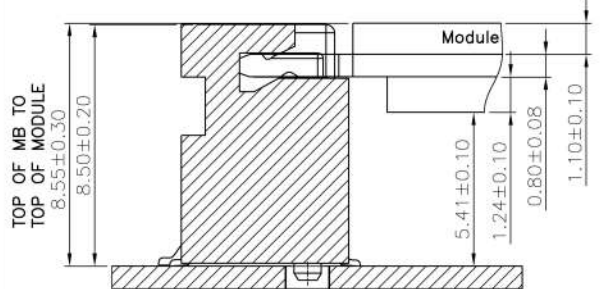
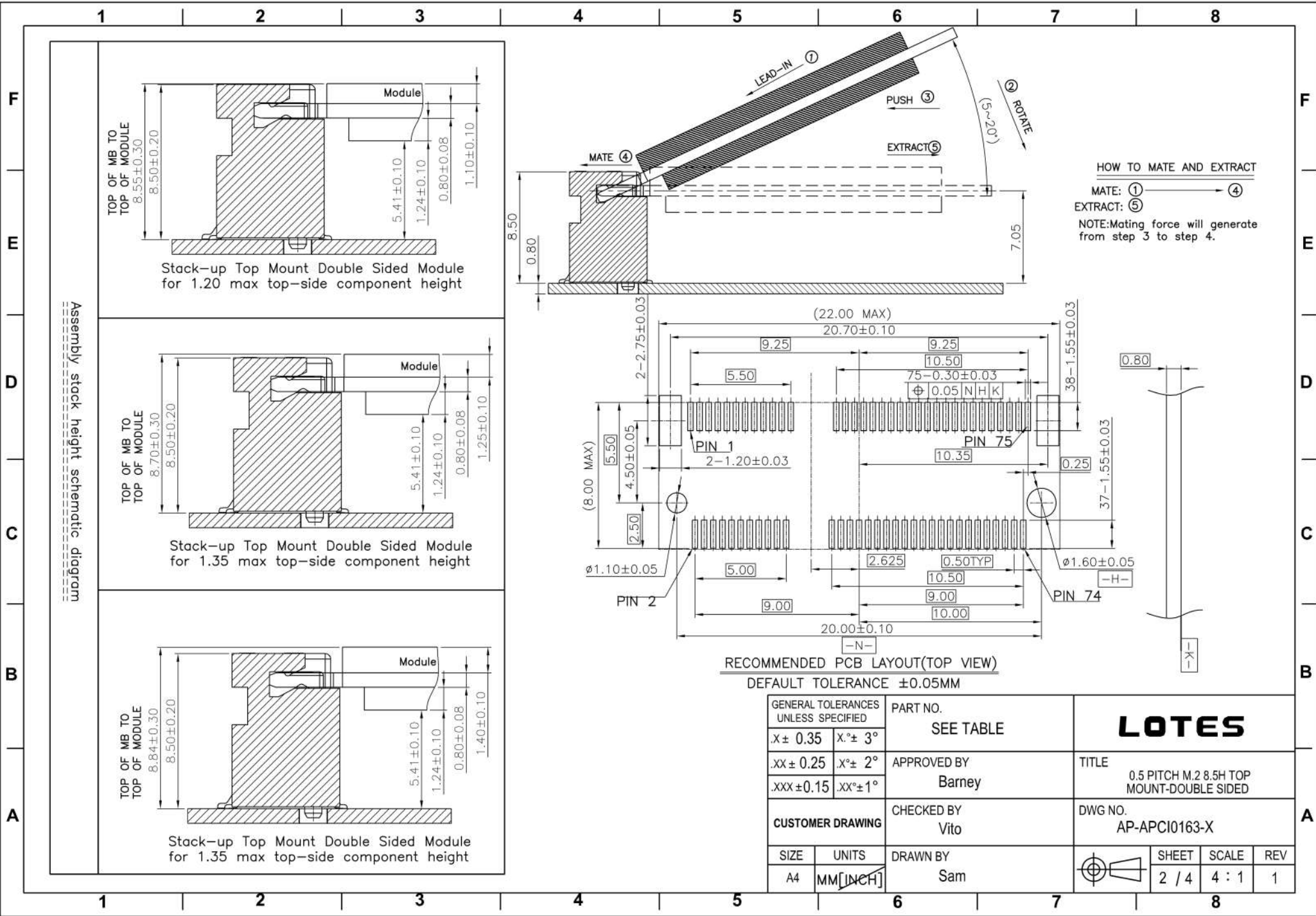
PRODUCT NUMBER NOTE



E-KEY	APCI0163-P004A	Au 30u. GOLD	60 CYCLES
E-KEY	APCI0163-P003A	Au 15u. GOLD	25 CYCLES
E-KEY	APCI0163-P002A	Au 10u. GOLD	25 CYCLES
E-KEY	APCI0163-P001A	G/F MIN. GOLD	25 CYCLES
KEY NO	PART NO.	CONTACT PLATING	DURABILITY

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. SEE TABLE		<b>LOTES</b>			
X ± 0.35	X ° ± 3°	APPROVED BY Barney					
.XX ± 0.25	.X ° ± 2°	CHECKED BY Vito		DWG NO. AP-APCI0163-X			
.XXX ± 0.15	.XX ° ± 1°	CUSTOMER DRAWING		SHEET 1 / 4			
SIZE A4	UNITS MM [INCH]	DRAWN BY Sam		SCALE 4 : 1		REV 1	



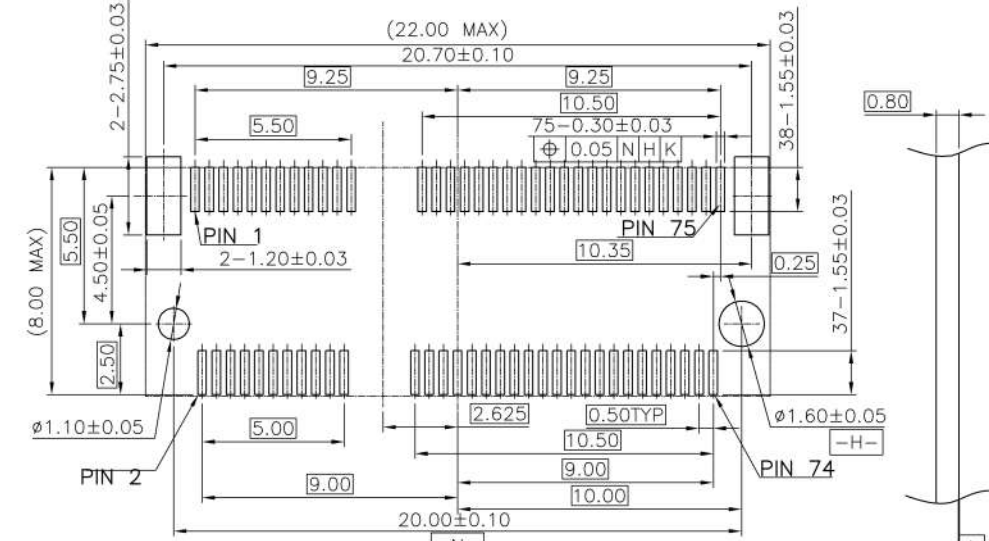


HOW TO MATE AND EXTRACT

MATE: ① → ④

EXTRACT: ⑤

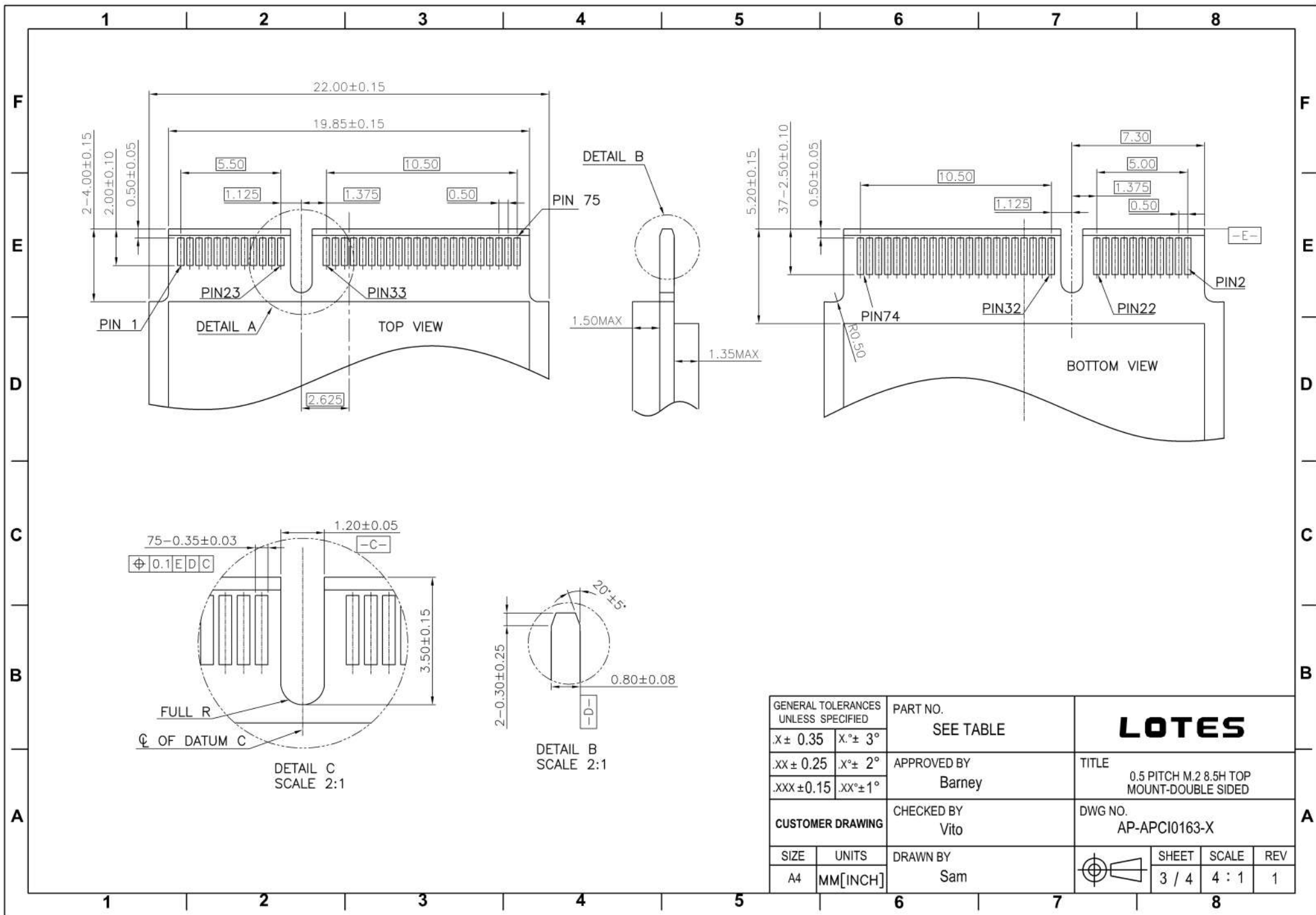
NOTE: Mating force will generate from step 3 to step 4.



RECOMMENDED PCB LAYOUT(TOP VIEW)  
DEFAULT TOLERANCE ±0.05MM

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. SEE TABLE	<b>LOTES</b>			
X± 0.35	X.°± 3°					
.XX± 0.25	X.°± 2°		APPROVED BY Barney	TITLE 0.5 PITCH M.2 8.5H TOP MOUNT-DOUBLE SIDED		
.XXX± 0.15	.XX°± 1°	CHECKED BY Vito	DWG NO. AP-APCI0163-X			
CUSTOMER DRAWING		DRAWN BY Sam		SHEET 2 / 4	SCALE 4 : 1	REV 1
SIZE A4	UNITS MM [INCH]					

Assembly stack height schematic diagram



GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. SEE TABLE	<b>LOTES</b>		
X ± 0.35	X° ± 3°				
.XX ± 0.25	X° ± 2°		APPROVED BY Barney		
.XXX ± 0.15	.XX° ± 1°	CHECKED BY Vito	DWG NO. AP-APCI0163-X		
CUSTOMER DRAWING		DRAWN BY Sam	SHEET 3 / 4		
SIZE A4	UNITS MM [INCH]	SCALE 4 : 1		REV 1	

