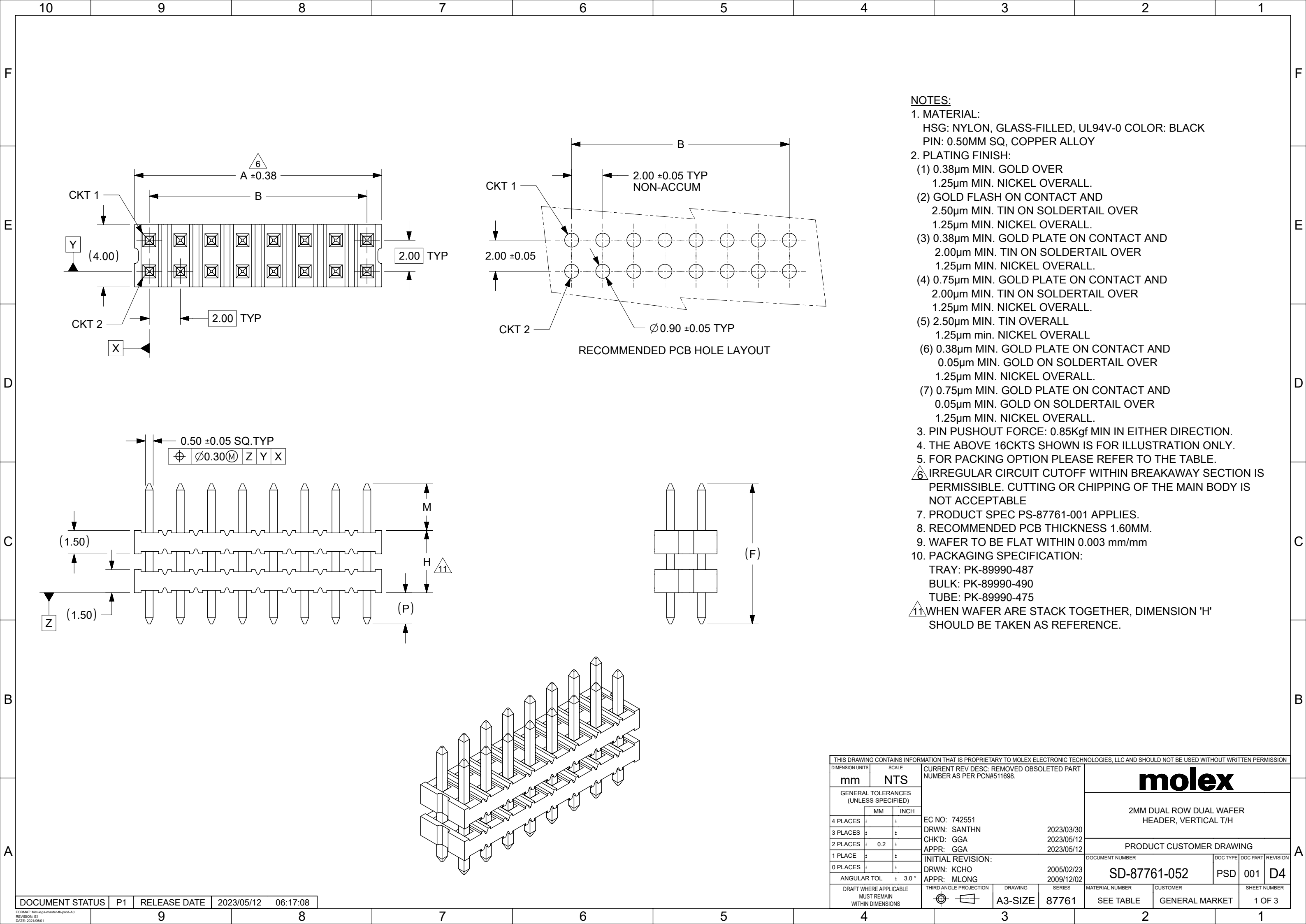
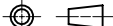




NOTES:

1. MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK
PIN: 0.50MM SQ, COPPER ALLOY
2. PLATING FINISH:
(1) 0.38µm MIN. GOLD OVER
1.25µm MIN. NICKEL OVERALL.
(2) GOLD FLASH ON CONTACT AND
2.50µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
(3) 0.38µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
(4) 0.75µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
(5) 2.50µm MIN. TIN OVERALL
1.25µm min. NICKEL OVERALL
(6) 0.38µm MIN. GOLD PLATE ON CONTACT AND
0.05µm MIN. GOLD ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
(7) 0.75µm MIN. GOLD PLATE ON CONTACT AND
0.05µm MIN. GOLD ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
3. PIN PUSHOUT FORCE: 0.85KgF MIN IN EITHER DIRECTION.
4. THE ABOVE 16CKTS SHOWN IS FOR ILLUSTRATION ONLY.
5. FOR PACKING OPTION PLEASE REFER TO THE TABLE.
6. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
7. PRODUCT SPEC PS-87761-001 APPLIES.
8. RECOMMENDED PCB THICKNESS 1.60MM.
9. WAFER TO BE FLAT WITHIN 0.003 mm/mm
10. PACKAGING SPECIFICATION:
TRAY: PK-89990-487
BULK: PK-89990-490
TUBE: PK-89990-475
11. WHEN WAFER ARE STACK TOGETHER, DIMENSION 'H' SHOULD BE TAKEN AS REFERENCE.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#511698.							
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 742551 DRWN: SANTHN CHK'D: GGA APPR: GGA							
		MM	INCH								
4 PLACES	±		±	2023/03/30							
3 PLACES	±		±								
2 PLACES	±	0.2	±	2023/05/12							
1 PLACE	±		±								
0 PLACES	±		±	2023/05/12							
ANGULAR TOL ± 3.0 °											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				INITIAL REVISION: DRWN: KCHO APPR: MLONG							
				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER	
				A3-SIZE		87761		SD-87761-052		DOC TYPE	
								PSD		DOC PART	
								001		REVISION	
								D4			
								MATERIAL NUMBER		CUSTOMER	
								SEE TABLE		GENERAL MARKET	
										SHEET NUMBER	
										1 OF 3	

[illegible]

10		9		8		7		6		5		4		3		2		1					
F	PART NUMBERS	CKT SIZE	VOID POSITION	KINK POSITION	DIMENSION				PLATING OPTION	PACKAGING TYPE													
					MATING END	STACKER HEIGHT	SOLDER TAIL	(F)															
					M	H	(P)																
	87761-0003	16	---	---	6.53	5.08	2.49	14.10	3														
	87761-0006	04	---	---	5.46	8.18	5.46	19.10	3														
	87761-0007	06	---	---	5.46	8.18	5.46	19.10	3														
	87761-0008	12	---	---	5.46	8.18	5.46	19.10	3														
E	87761-3420	34	---	---	13.20	6.00	TBD	19.20	3	TBD													
	87761-5020	50	---	---	13.20	6.00	TBD	19.20	3	TBD													
	87761-0010	10	---	---	4.50	3.00	2.60	10.10	3	TRAY													
	87761-0023	40	---	---	9.00	16.00	4.22	29.22	4	TRAY													
	87761-0028	10	---	---	4.00	7.50	4.00	15.50	5														
	87761-0029	10	---	---	4.00	7.50	4.00	15.50	5														
D	87761-2800	28	---	---	4.01	6.99	2.59	13.59	5	TUBE													
	87761-1201	12	---	---	7.00	15.22	2.60	24.82	4	TRAY													
	87761-0810	08	---	---	5.40	6.30	2.60	14.30	4														
	87761-5010	50	---	---	5.40	6.30	2.60	14.30	4														
87761-4408	44	---	---	4.20	12.50	2.60	19.30	4															
	87761-4409	44	---	---	4.20	17.50	2.60	24.30	4														
	87761-7000	30	---	---	5.50	18.00	4.00	27.50	6														
	87761-7001	26	---	---	6.00	3.00	3.00	12.00	3														
	87761-7002	04	---	---	6.00	3.00	3.00	12.00	3														
	87761-7003	26	---	---	6.00	3.00	2.50	11.50	3														
C																							
	B																						
A																							
DOCUMENT STATUS		P1	RELEASE DATE		2023/05/12		06:17:08																
FORMAT: Met-lega-master-db-prod-A3 REVISION: E1 DATE: 2021/05/01		9		8		7		6		5		4		3		2		1					
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		mm		SCALE NTS		CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#511698.		molex		2MM DUAL ROW DUAL WAFER HEADER, VERTICAL T/H		PRODUCT CUSTOMER DRAWING		INITIAL REVISION: DRWN: KCHO APP'R: MLONG		DOCUMENT NUMBER SD-87761-052		DOC TYPE PSD		DOC PART 001		REVISION D4	
GENERAL TOLERANCES (UNLESS SPECIFIED)																							
	MM	INCH																					
4 PLACES	±	±																					
3 PLACES	±	±																					
2 PLACES	±	0.2	±																				
1 PLACE	±	±																					
0 PLACES	±	±																					
ANGULAR TOL ± 3.0 °		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE		87761		SEE TABLE		GENERAL MARKET		3 OF 3											