

NOTES:

1. MATERIAL:

HSG: LCP, GLASS-FILLED, UL94V-0, COLOR:BLACK  
 PIN: 0.50mm SQ, COPPER ALLOY

2. PLATING:

(1) 2.54µm TIN OVERALL PLATING  
 OVER NICKEL OVERALL  
 (2) 5.08µm TIN OVERALL PLATING  
 OVER NICKEL OVERALL

3. PACKAGING TYPE: SEE TABLE

4. PACKAGING SPECIFICATION:

TRAY: PK-89990-487  
 TAPE & REEL: PK-89990-484

5. PRODUCT SPEC PS-87761-100 APPLIES

6. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. MEASUREMENT AT BOTH ENDS, FROM CUT END TO THE CENTRELINE OF THE HOUSING CORE HOLE OF THE FIRST PIN REMAINS AT 0.95±0.20mm. CUTTING AND CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE.

7. THE ABOVE CKT 5 IS FOR ILLUSTRATION PURPOSE ONLY

8. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE

9. KAPTON TAPE LOCATION IS CENTRED AT THE PART AS POSSIBLE.

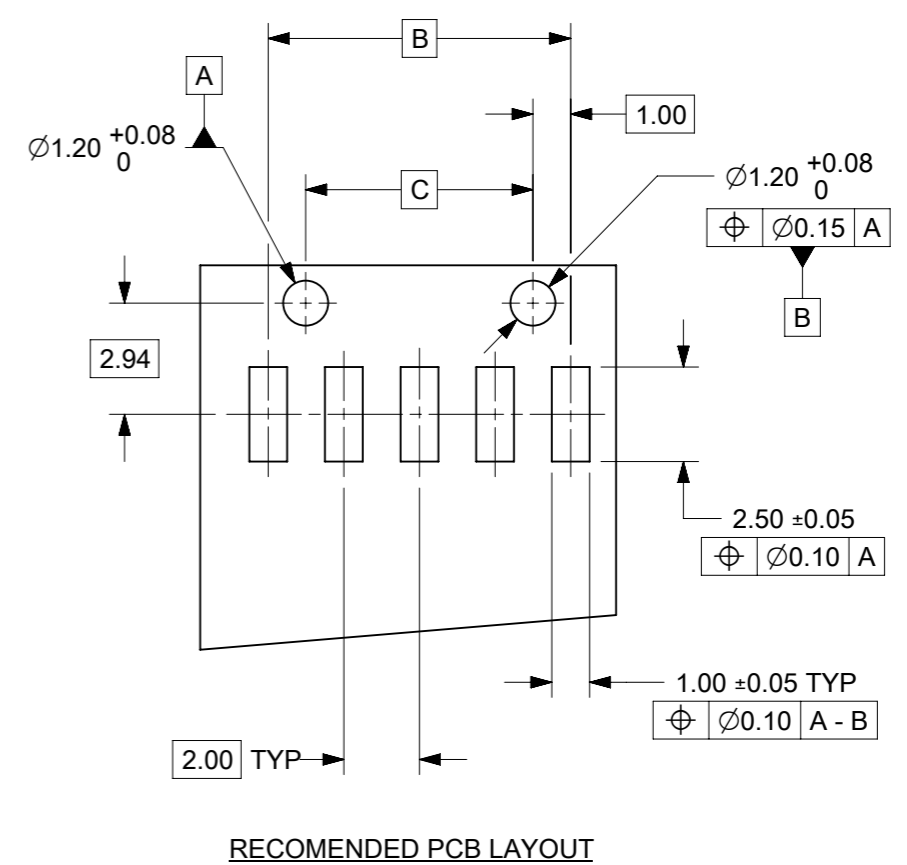
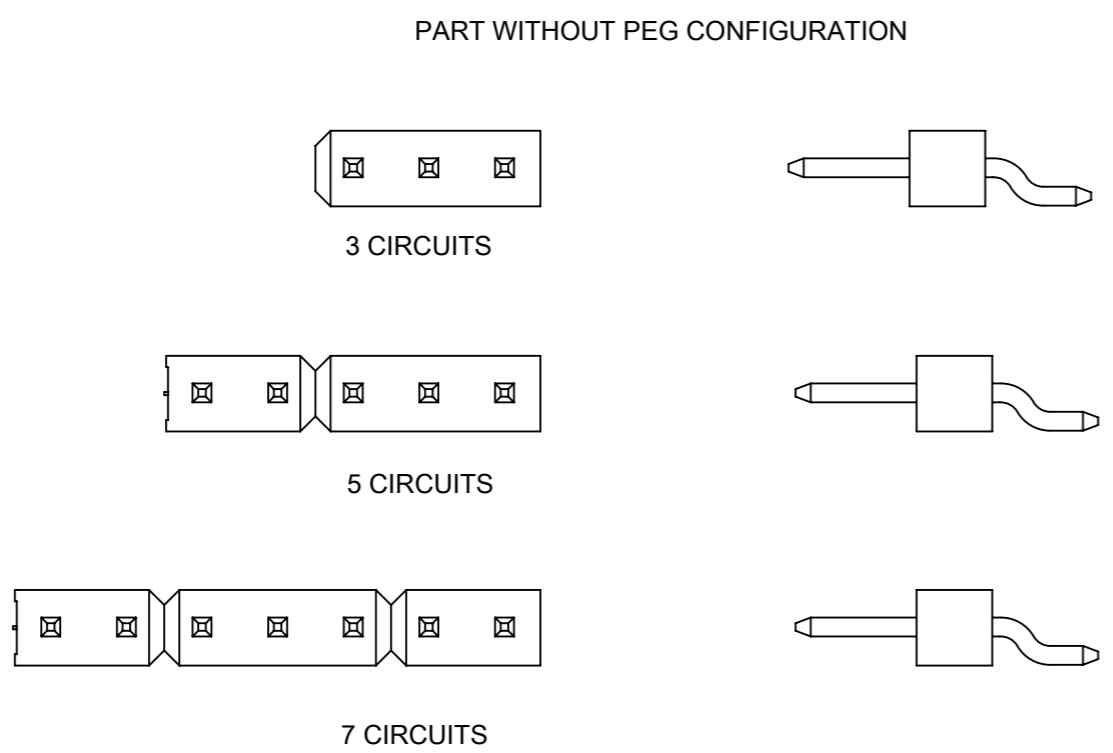
10. RECOMMENDED PCB BOARD THICKNESS: 1.60±0.10mm

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: BRIGHT TIN PHASE OUT					
MM		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)								2MM SINGLE ROW HDR (ODD) SMT WITH PEG, BREAKAWAY	
								PRODUCT CUSTOMER DRAWING	
4 PLACES ±				EC NO: 679909				DOCUMENT NUMBER	
3 PLACES ±				DRWN: AKUMAR19 2021/07/27				SD-87858-022	
2 PLACES ± 0.2				CHK'D: MRAMAKRISHNA 2021/10/11				DOC TYPE	
1 PLACE ±				APPR: MRAMAKRISHNA 2021/10/11				PSD	
0 PLACES ±				INITIAL REVISION:				DOC PART	
ANGULAR TOL ± 3.0°				DRWN: CWLAM 2007/12/04				001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPR: KWLEE 2007/12/17				REVISION	
THIRD ANGLE PROJECTION				DRAWING				D1	
A3-SIZE				SERIES				SHEET NUMBER	
87858				MATERIAL NUMBER				1 OF 3	
SEE TABLE				CUSTOMER				GENERAL MARKET	

CKT SIZE	DIMENSION		
	A	B	C
03	5.90	4.00	-
05	9.90	8.00	6.00
07	13.90	12.00	10.00
09	17.90	16.00	14.00
11	21.90	20.00	18.00
13	25.90	24.00	22.00
15	29.90	28.00	26.00
17	33.90	32.00	30.00
19	37.90	36.00	34.00

PART NO. IN TAPE & REEL PACKAGING	CKT # SIZE	PART NO. IN TRAY PACKAGING	KAPTON TAPE	PEG	PLATING OPTION	VOID POSITION	DIMENSION		
							F	MATING END	SOLDER TAIL
								M	(P)
87858-0550	5	-	Y	N	1	----	8.00	3.20	2.80
87858-0750	7	-	Y	N	1	----	8.00	3.20	2.80
87858-0751	7	-	N	Y	1	----	8.00	3.20	2.80
87858-0760	7	-	Y	N	1	----	8.97	4.17	2.80
87858-0761	7	-	Y	N	1	----	8.97	4.17	2.80

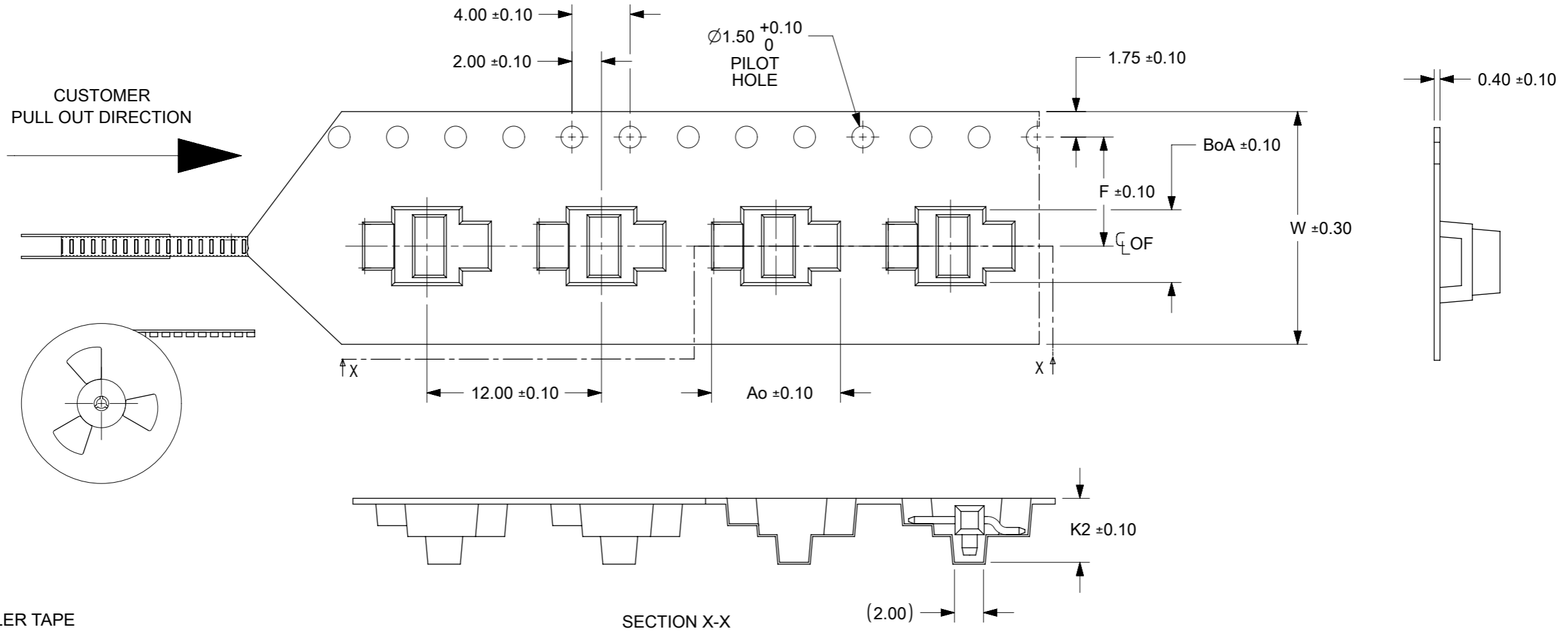
(D1)



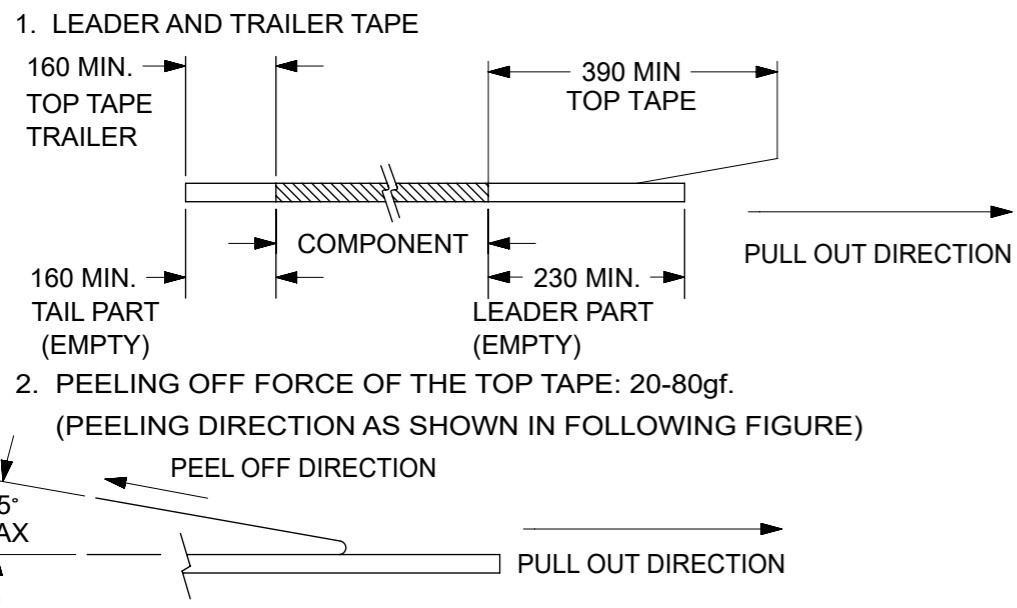
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: BRIGHT TIN PHASE OUT						<b>molex</b>	
MM		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 679909		DRWN: AKUMAR19		2021/07/27		2MM SINGLE ROW HDR (ODD) SMT WITH PEG, BREAKAWAY	
				CHK'D: MRAMAKRISHNA		2021/10/11					
				APPR: MRAMAKRISHNA		2021/10/11		PRODUCT CUSTOMER DRAWING			
				INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	
				DRWN: CWLAM				2007/12/04		SD-87858-022	
				APPR: KWLEE				2007/12/17		PSD 001 D1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A3-SIZE		87858		SEE TABLE	
								CUSTOMER		GENERAL MARKET	
										SHEET NUMBER	
										2 OF 3	

CKT	DIMENSION					PACKABLE QTY
	BoA	Ao	K2	F	W	
5	11.20	8.50	4.40	11.50	24.00	1200
7	15.20	8.50	4.40	11.50	24.00	1200

TAPE AND REEL INFORMATION



NOTES:



- 3. MATERIAL: BLACK P.S CONDUCTIVE
- 4. PACKAGING STANDARD IS AS PER EIA-481.
- 5. THE TAPE IS TREATED FOR ANTI-STATIC.

SECTION X-X

PART IN TAPE & REEL ORIENTATION (FOR REF. ONLY)

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CURRENT REV DESC: BRIGHT TIN PHASE OUT

**molex**

2MM SINGLE ROW HDR (ODD)  
SMT WITH PEG, BREAKAWAY

PRODUCT CUSTOMER DRAWING

EC NO: 679909	DRWN: AKUMAR19	2021/07/27	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
CHK'D: MRAMAKRISHNA	2021/10/11		SD-87858-022	PSD	001	D1
APPR: MRAMAKRISHNA	2021/10/11		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
INITIAL REVISION:	DRWN: CWLAM	2007/12/04	SEE TABLE	GENERAL MARKET	3 OF 3	
0 PLACES ±	APPR: KWLEE	2007/12/17				
ANGULAR TOL ± 3.0°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
			A3-SIZE	87858	SEE TABLE	GENERAL MARKET