

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.

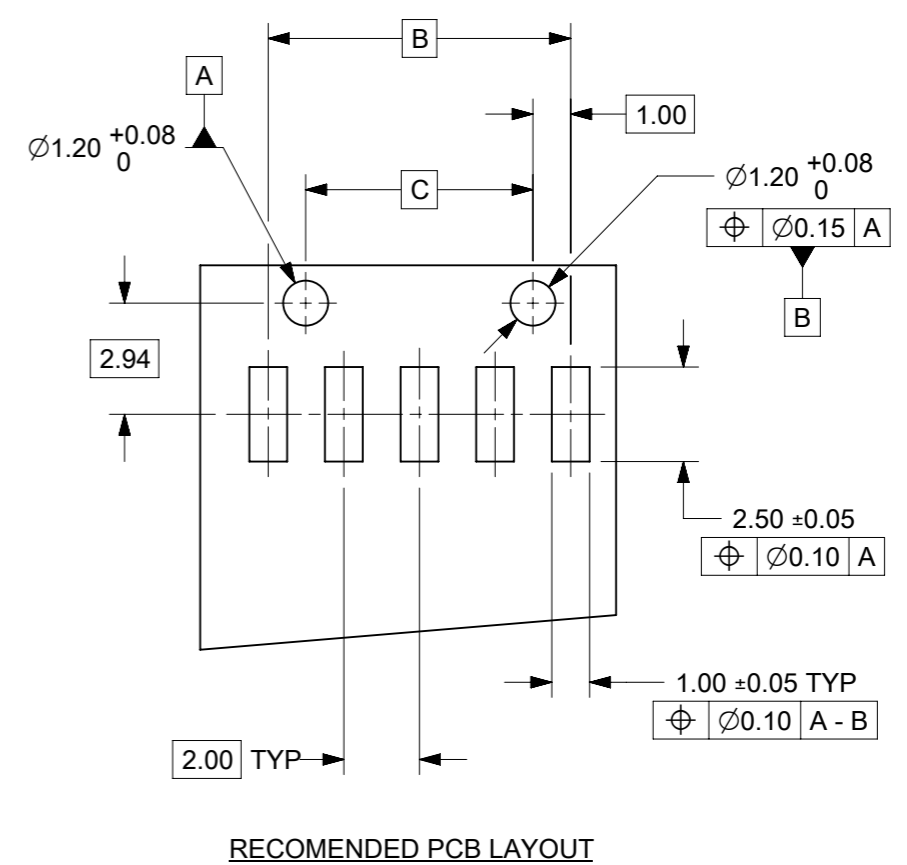
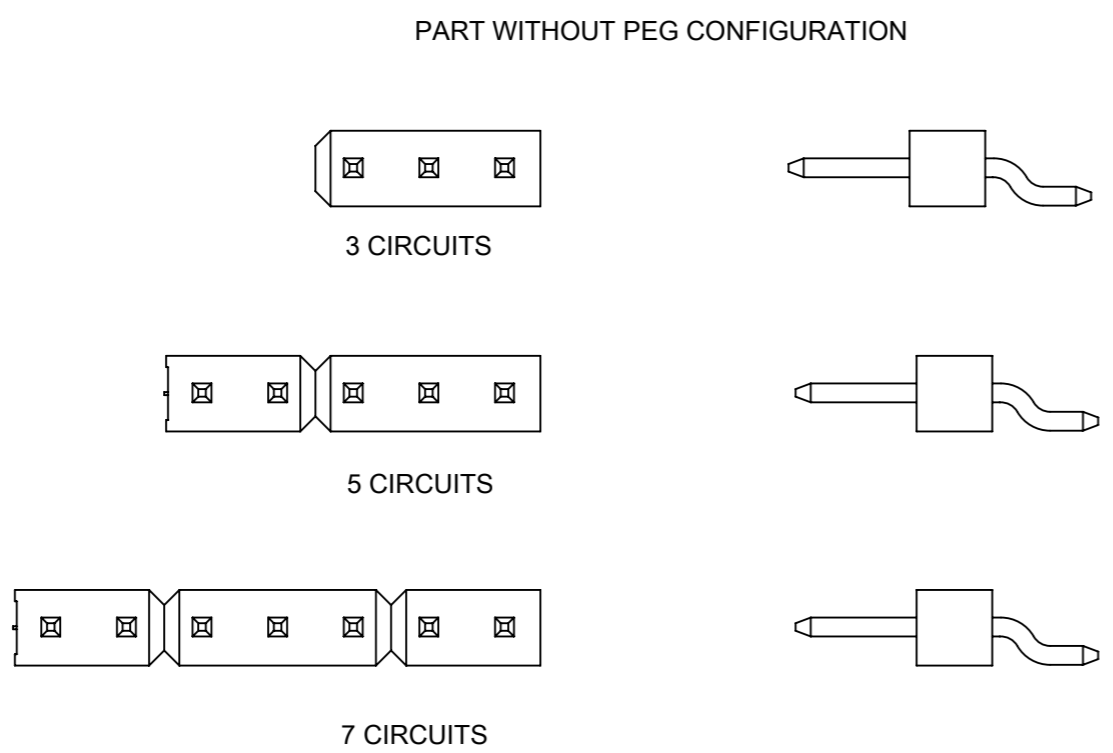
10. RECOMMENDED PCB BOARD THICKNESS: 1.60±0.10mm

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		SERIES		SHEET NUMBER	
				DRAWING		87858		1 OF 3	
				A3-SIZE		MATERIAL NUMBER		CUSTOMER	
						SEE TABLE		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

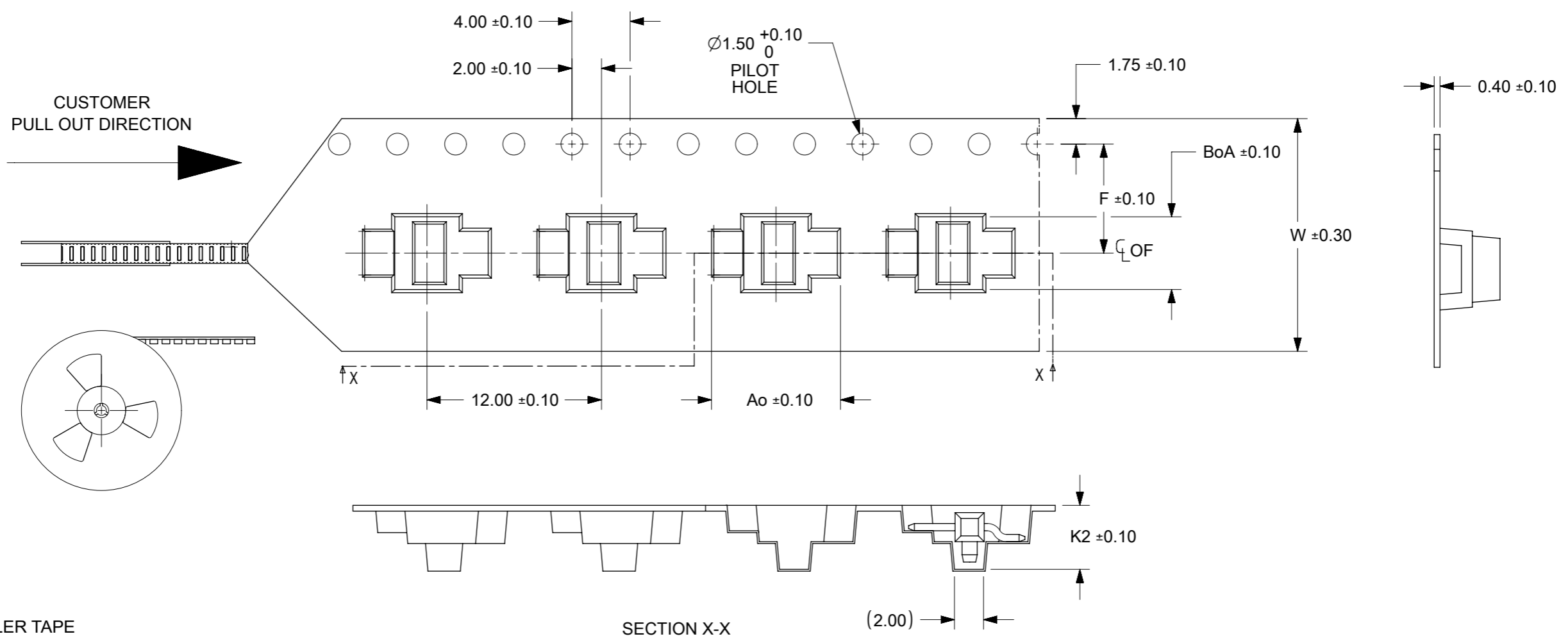
(D1)



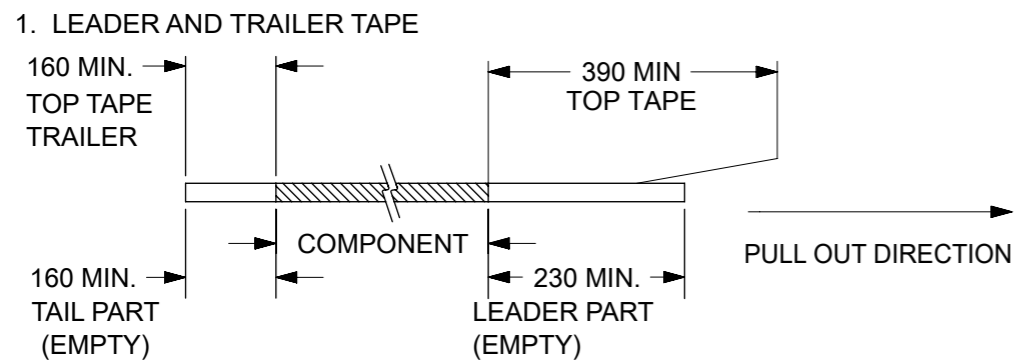
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: BRIGHT TIN PHASE OUT							
MM		NTS		<b>molex</b>							
GENERAL TOLERANCES (UNLESS SPECIFIED)											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

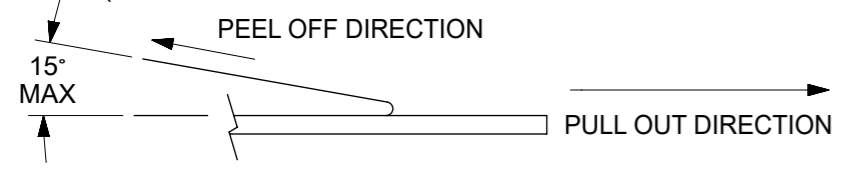
TAPE AND REEL INFORMATION



NOTES:



2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.  
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



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

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

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11	11:54:03
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