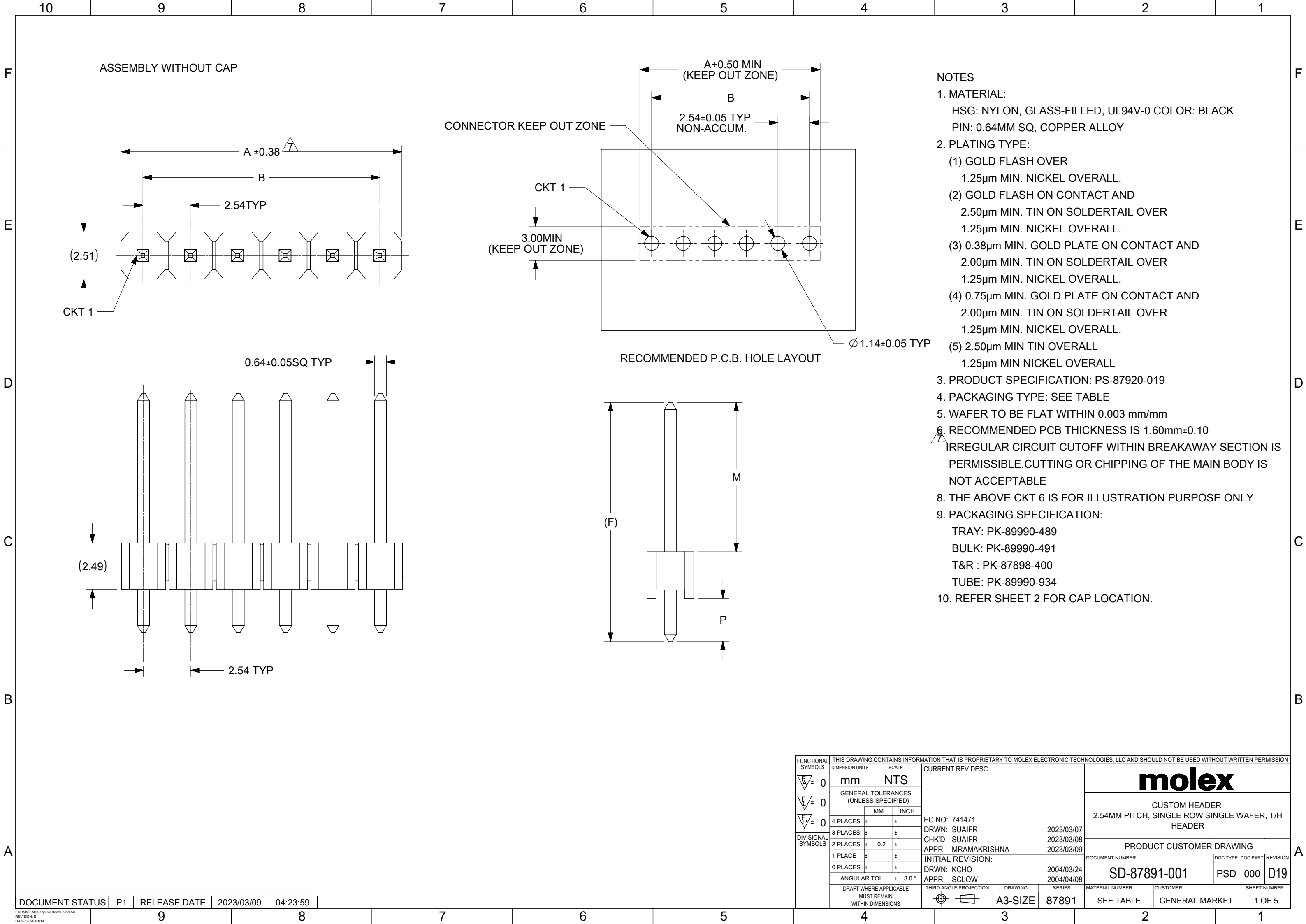
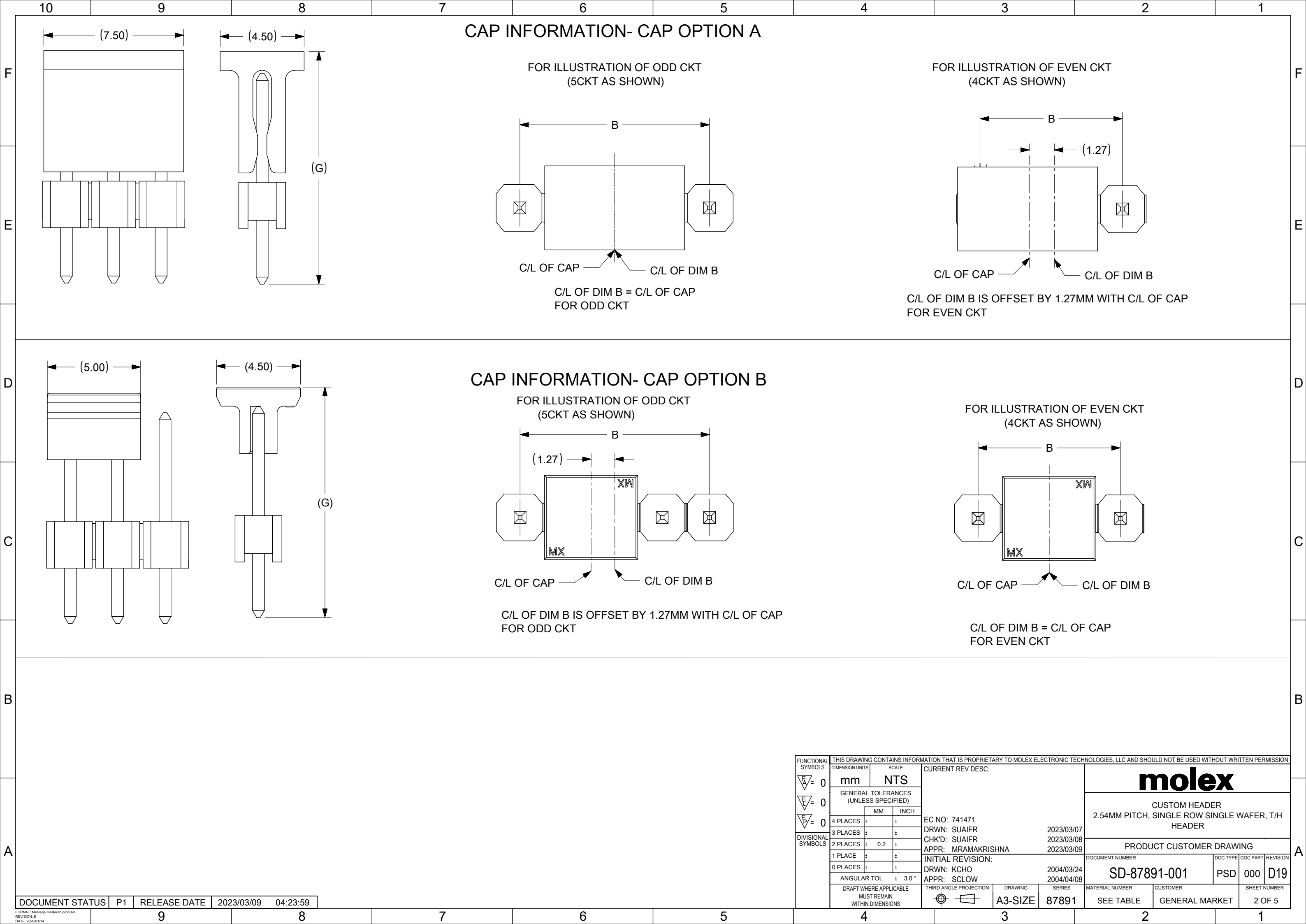
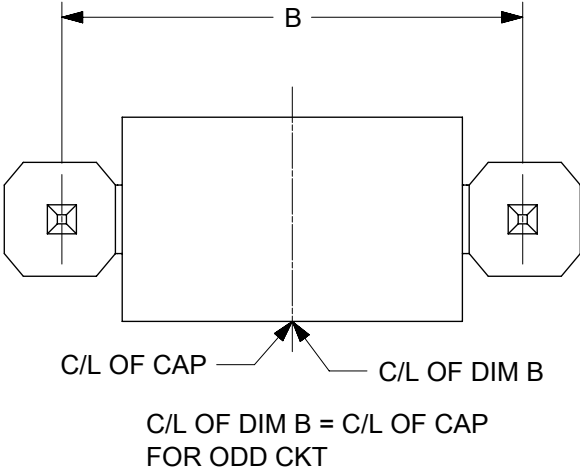




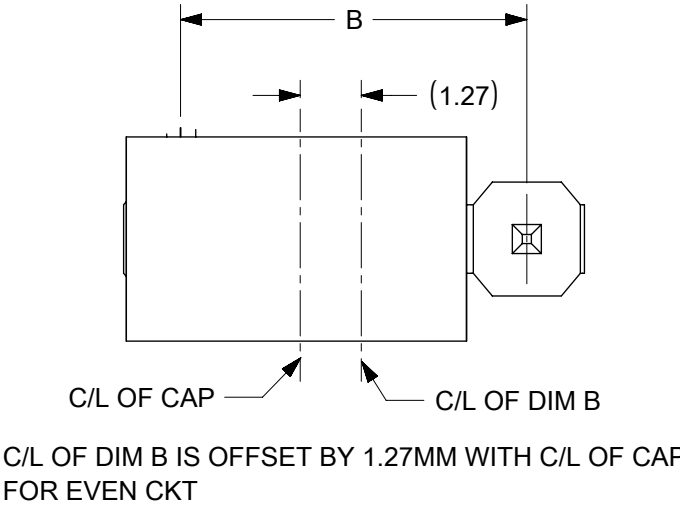


CAP INFORMATION- CAP OPTION A

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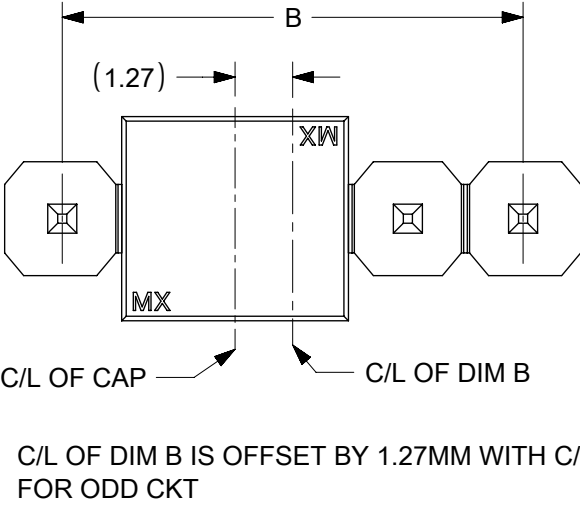


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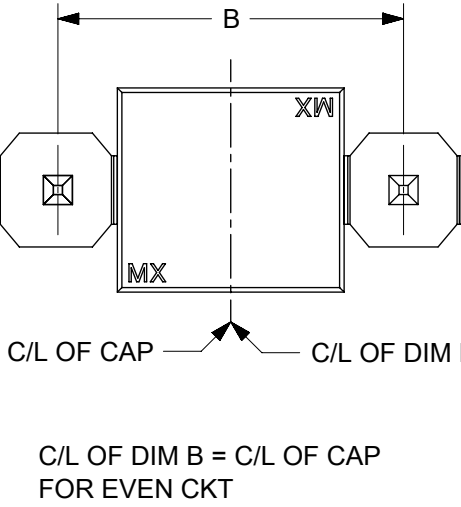


CAP INFORMATION- CAP OPTION B

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F	CKT SIZE	DIMENSION		ASSY W/CAP IN T&R	ASSY W/O CAP IN T&R	ASSY W/O CAP IN TUBE	ASSY W/CAP IN TUBE	PART NO. W/O CAP IN TRAY PACKAGING	PART NO. IN BULK PACKAGING	CKT SIZE	VOID PIN	KINK PIN	(G)	DIMENSION			PLATING TYPE	CAP OPTION	REMARKS	
		A	B											OAL	MATING END	SOLDIER TAIL				
		01	2.54																	---
		02	5.08																	2.54
03	7.62	5.08																		
04	10.16	7.62																		
05	12.70	10.16																		
06	15.24	12.70																		
07	17.78	15.24																		
08	20.32	17.78																		
09	22.86	20.32																		
10	25.40	22.86																		
11	27.94	25.40																		
12	30.48	27.94																		
13	33.02	30.48																		
14	35.56	33.02																		
15	38.10	35.56																		
16	40.64	38.10																		
17	43.18	40.64																		
18	45.72	43.18																		
19	48.26	45.72																		
20	50.80	48.26																		
21	53.34	50.80																		
22	55.88	53.34																		
23	58.42	55.88																		
24	60.96	58.42																		
25	63.50	60.96																		
26	66.04	63.50																		
27	68.58	66.04																		
28	71.12	68.58																		
29	73.66	71.12																		
30	76.20	73.66																		
31	78.74	76.20																		
32	81.28	78.74																		
33	83.82	81.28																		
34	86.36	83.82																		
35	88.90	86.36																		
36	91.44	88.90																		
37	93.98	91.44																		
38	96.52	93.98																		
39	99.06	96.52																		
40	101.60	99.06																		
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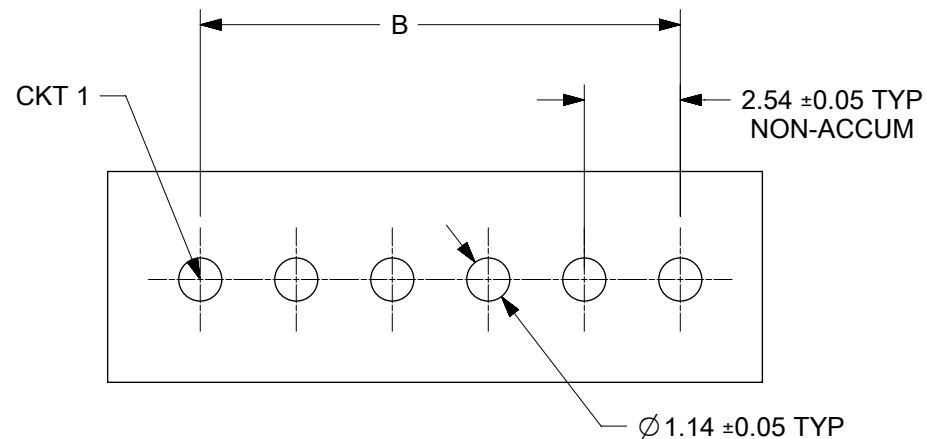
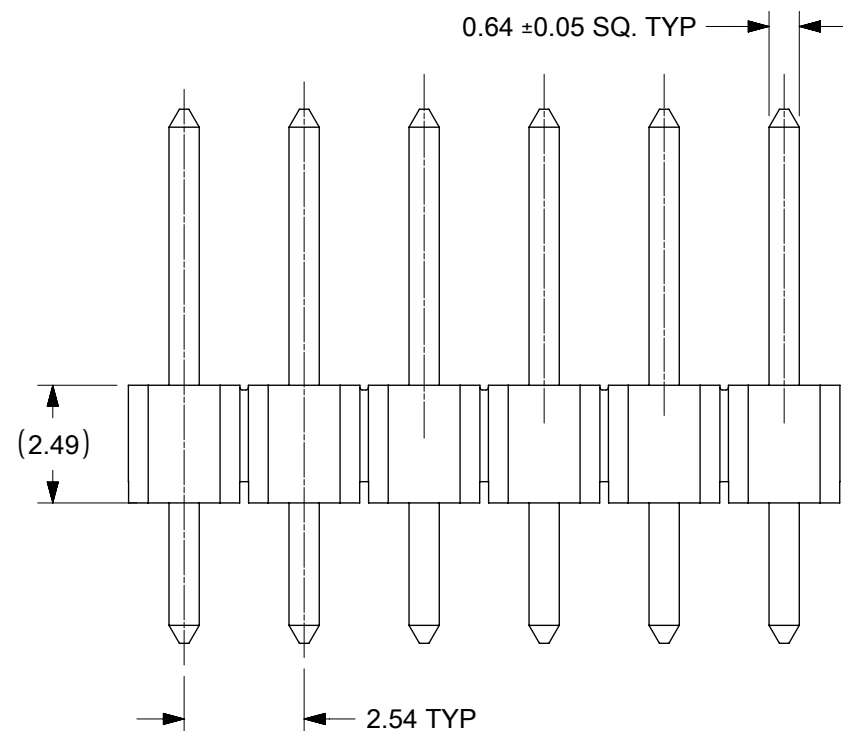
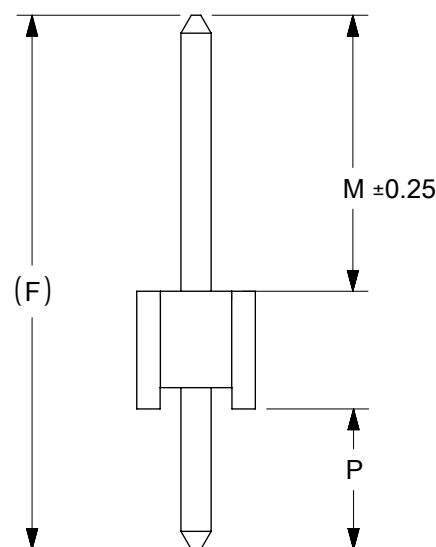
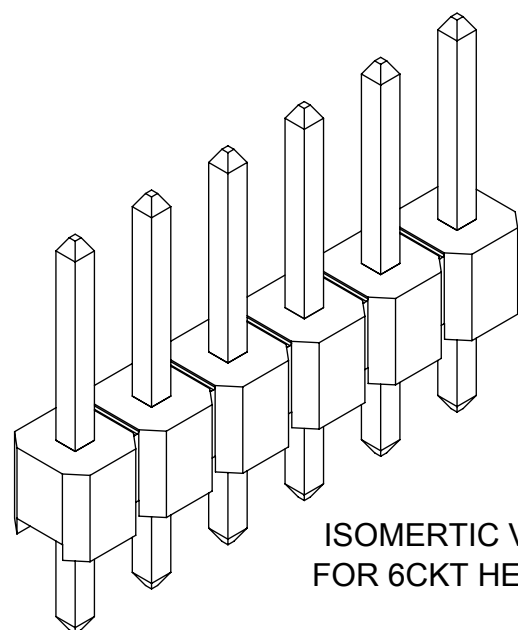
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
	DIMENSION UNITS		SCALE		CURRENT REV DESC:					<div>molex</div> <div>CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER</div>									
	mm		NTS																
	GENERAL TOLERANCES (UNLESS SPECIFIED)																		
			MM		INCH		EC NO: 741471 DRWN: SUAIFR CHK'D: SUAIFR APPR: MRAMAKRISHNA INITIAL REVISION: DRWN: KCHO APPR: SCLOW THIRD ANGLE PROJECTION DRAWING SERIES MATERIAL NUMBER CUSTOMER SHEET NUMBER												
	4 PLACES		±		±														
	3 PLACES		±		±														
	2 PLACES		±		0.2 ±														
	1 PLACE		±		±														
	DIVISIONAL SYMBOLS	0 PLACES		±		±		2023/03/07 2023/03/08 2023/03/09					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION
ANGULAR TOL		±		3.0 °		2004/03/24 2004/04/08					SD-87891-001		PSD		000		D19		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE		87891		SEE TABLE		GENERAL MARKET		3 OF 5					

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F	<table><tr><th rowspan="3">ASSY W/CAP IN T&R</th><th rowspan="3">ASSY W/O CAP IN T&R</th><th rowspan="3">ASSY W/O CAP IN TUBE</th><th rowspan="3">ASSY W/CAP IN TUBE</th><th rowspan="3">PART NO. W/O CAP IN TRAY PACKAGING</th><th rowspan="3">PART NO. IN BULK PACKAGING</th><th rowspan="3">CKT SIZE</th><th rowspan="3">VOID PIN</th><th rowspan="3">KINK PIN</th><th colspan="3">(G)</th><th rowspan="3"></th><th rowspan="3">PLATING TYPE</th><th rowspan="3">CAP OPTION</th><th rowspan="3">REMARKS</th></tr><tr><th></th><th>OAL</th><th>MATING END</th></tr><tr><th></th><th>(F)</th><th>M</th></tr><tr><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>87891-2601</td><td>26</td><td>4,7,17</td><td>-</td><td>-</td><td>11.13</td><td>5.59</td><td>3.05</td><td>3</td><td>-</td><td>-</td></tr><tr><td></td><td>87891-1817</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>18</td><td>-</td><td>-</td><td>18.36</td><td>17.20</td><td>13.21</td><td>1.50</td><td>5</td><td>A</td><td>-</td></tr><tr><td></td><td>87891-1819</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>18</td><td>-</td><td>-</td><td>18.36</td><td>17.20</td><td>13.21</td><td>1.50</td><td>5</td><td>A</td><td>-</td></tr><tr><td></td><td>87891-1818</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>18</td><td>-</td><td>-</td><td>18.36</td><td>17.20</td><td>13.21</td><td>1.50</td><td>3</td><td>A</td><td>-</td></tr><tr><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>87891-2007</td><td>-</td><td>20</td><td>-</td><td>-</td><td>-</td><td>21.49</td><td>9.50</td><td>9.50</td><td>1</td><td>-</td><td>-</td></tr><tr><td></td><td>87891-2817</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>28</td><td>-</td><td>-</td><td>18.36</td><td>17.20</td><td>13.21</td><td>1.50</td><td>5</td><td>A</td><td>-</td></tr><tr><td></td><td>87891-2819</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>28</td><td>-</td><td>-</td><td>18.36</td><td>17.20</td><td>13.21</td><td>1.50</td><td>5</td><td>A</td><td>-</td></tr><tr><td></td><td>87891-2818</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>28</td><td>-</td><td>-</td><td>18.36</td><td>17.20</td><td>13.21</td><td>1.50</td><td>3</td><td>A</td><td>-</td></tr><tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>87891-3007</td><td>30</td><td>-</td><td>-</td><td>-</td><td>11.30</td><td>5.84</td><td>2.97</td><td>5</td><td>-</td><td>-</td></tr><tr><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>87891-3600</td><td>36</td><td>-</td><td>-</td><td>-</td><td>11.56</td><td>6.09</td><td>3.18</td><td>2</td><td>-</td><td>-</td></tr><tr><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>87891-4008</td><td>40</td><td>-</td><td>-</td><td>-</td><td>11.30</td><td>5.84</td><td>2.97</td><td>5</td><td>-</td><td>-</td></tr><tr><td></td><td>-</td><td>-</td><td>87891-4007</td><td>-</td><td>-</td><td>-</td><td>40</td><td>-</td><td>-</td><td>-</td><td>12.14</td><td>5.84</td><td>3.81</td><td>3</td><td>-</td><td>-</td></tr></table>										ASSY W/CAP IN T&R	ASSY W/O CAP IN T&R	ASSY W/O CAP IN TUBE	ASSY W/CAP IN TUBE	PART NO. W/O CAP IN TRAY PACKAGING	PART NO. IN BULK PACKAGING	CKT SIZE	VOID PIN	KINK PIN	(G)				PLATING TYPE	CAP OPTION	REMARKS		OAL	MATING END		(F)	M		-	-	-	-	-	87891-2601	26	4,7,17	-	-	11.13	5.59	3.05	3	-	-		87891-1817	-	-	-	-	-	18	-	-	18.36	17.20	13.21	1.50	5	A	-		87891-1819	-	-	-	-	-	18	-	-	18.36	17.20	13.21	1.50	5	A	-		87891-1818	-	-	-	-	-	18	-	-	18.36	17.20	13.21	1.50	3	A	-		-	-	-	-	87891-2007	-	20	-	-	-	21.49	9.50	9.50	1	-	-		87891-2817	-	-	-	-	-	28	-	-	18.36	17.20	13.21	1.50	5	A	-		87891-2819	-	-	-	-	-	28	-	-	18.36	17.20	13.21	1.50	5	A	-		87891-2818	-	-	-	-	-	28	-	-	18.36	17.20	13.21	1.50	3	A	-	E	-	-	-	-	-	87891-3007	30	-	-	-	11.30	5.84	2.97	5	-	-		-	-	-	-	-	87891-3600	36	-	-	-	11.56	6.09	3.18	2	-	-		-	-	-	-	-	87891-4008	40	-	-	-	11.30	5.84	2.97	5	-	-		-	-	87891-4007	-	-	-	40	-	-	-	12.14	5.84	3.81	3	-	-	E
ASSY W/CAP IN T&R	ASSY W/O CAP IN T&R	ASSY W/O CAP IN TUBE	ASSY W/CAP IN TUBE	PART NO. W/O CAP IN TRAY PACKAGING	PART NO. IN BULK PACKAGING	CKT SIZE	VOID PIN	KINK PIN	(G)												PLATING TYPE	CAP OPTION					REMARKS																																																																																																																																																																																																																		
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FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	= 0	DIMENSION UNITS	SCALE				
	= 0	mm	NTS				
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)					
			MM	INCH			
		4 PLACES	±	±			
		3 PLACES	±	±			
		2 PLACES	±	0.2 ±			
		1 PLACE	±	±			
		0 PLACES	±	±			
DIVISIONAL SYMBOLS		ANGULAR TOL ± 3.0 °					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A3-SIZE	87891	SEE TABLE	GENERAL MARKET	5 OF 5
		EC NO: 741471		2023/03/07			
		DRWN: SUAIFR		2023/03/08			
		CHK'D: SUAIFR		2023/03/09			
		APPR: MRAMAKRISHNA					
		INITIAL REVISION:					
		DRWN: KCHO		2004/03/24			
		APPR: SCLow		2004/04/08			
		DOCUMENT NUMBER		SD-87891-001		PSD 000 D19	



ISOMERTIC VIEW
FOR 6CKT HEADER

1. MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK
PIN: 0.64MM SQ, COPPER ALLOY
2. PLATING TYPE:
 - (1) GOLD FLASH OVER
1.270μm MIN. NICKEL OVERALL.
 - (2) GOLD FLASH ON CONTACT AND
1.905μm MIN. TIN ON SOLDER TAIL OVER
1.270μm MIN. NICKEL OVERALL.
 - (3) 0.254μm MIN. GOLD PLATE ON CONTACT AND
1.905μm MIN. TIN ON SOLDER TAIL OVER
1.270μm MIN. NICKEL OVERALL.
 - (4) 0.381μm MIN. GOLD PLATE ON CONTACT AND
1.905μm MIN. TIN ON SOLDER TAIL OVER
1.270μm MIN. NICKEL OVERALL.
 - (5) 0.762μm MIN. GOLD PLATE ON CONTACT AND
1.905μm MIN. TIN ON SOLDER TAIL OVER
1.270μm MIN. NICKEL OVERALL.
 - (6) 2.540μm/100μin MIN TIN OVERALL
1.270μm/50μin NICKEL OVERALL
3. PRODUCT SPECIFICATION: PS-87920-019
4. PACKAGING TYPE: SEE TABLE
5. WAFER TO BE FLAT WITHIN 0.003 mm/mm
6. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
7.  IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SE
PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BO
NOT ACCEPTABLE
8. THE ABOVE CKT 6 IS FOR ILLUSTRATION PURPOSE OF
9. PACKAGING SPECIFICATION:
TRAY: PK-89990-489
BULK: PK-89990-491

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:				<div>molex</div>							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER											
ANGULAR TOL ± 3.0°															
4 PLACES		±		EC NO: 679909				PRODUCT CUSTOMER DRAWING							
3 PLACES		±		DRWN: AKUMAR19 2021/10/08											
2 PLACES		± 0.2		CHK'D: MRAMAKRISHNA 2021/10/11											
1 PLACE		±		APPR: MRAMAKRISHNA 2021/10/11				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
0 PLACES		±		INITIAL REVISION:											
DRWN: YLQIAO 2004/12/06				2004/12/07				SD-87891-013		PSD		001		B5	
APPR: SCLOW															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		87891		SEE TABLE		GENERAL MARKET		1 OF 8	

F	B4	PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION				
		TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P
		87891-0101	---	---	1	---	1	2.54	---	11.30	5.84	2.97
		87891-0102	---	---	1	---	2	2.54	---	11.30	5.84	2.97
		87891-0103	---	---	1	---	3	2.54	---	11.30	5.84	2.97
		87891-0104	---	---	1	---	4	2.54	---	11.30	5.84	2.97
		87891-0105	---	---	1	---	5	2.54	---	11.30	5.84	2.97
		87891-0106	---	---	1	---	6	2.54	---	11.30	5.84	2.97
		87891-0109	---	---	1	---	6	2.54	---	11.30	5.84	2.97
		E	B4									
87891-0201	---			---	2	---	1	5.08	2.54	11.30	5.84	2.97
87891-0202	---			---	2	---	2	5.08	2.54	11.30	5.84	2.97
87891-0203	---			---	2	---	3	5.08	2.54	11.30	5.84	2.97
87891-0204	---			---	2	---	4	5.08	2.54	11.30	5.84	2.97
87891-0205	---			---	2	---	5	5.08	2.54	11.30	5.84	2.97
87891-0206	---			---	2	---	6	5.08	2.54	11.30	5.84	2.97
87891-0211	---			---	2	---	6	5.08	2.54	11.30	5.84	2.97
D	B4											
		87891-0301	---	---	3	---	1	7.62	5.08	11.30	5.84	2.97
		87891-0302	---	---	3	---	2	7.62	5.08	11.30	5.84	2.97
		87891-0303	---	---	3	---	3	7.62	5.08	11.30	5.84	2.97
		87891-0304	---	---	3	---	4	7.62	5.08	11.30	5.84	2.97
		87891-0305	---	---	3	---	5	7.62	5.08	11.30	5.84	2.97
		87891-0306	---	---	3	---	6	7.62	5.08	11.30	5.84	2.97
		87891-0308	---	---	3	---	6	7.62	5.08	11.30	5.84	2.97
C												
B												
A												

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				<div>molex</div> <div>CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER</div> <div>PRODUCT CUSTOMER DRAWING</div>			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 679909							
ANGULAR TOL ± 3.0 °				DRWN: AKUMAR19				2021/10/11			
4 PLACES ±				CHK'D: MRAMAKRISHNA				2021/10/11			
3 PLACES ±				APPR: MRAMAKRISHNA							
2 PLACES ± 0.2				INITIAL REVISION:				DOCUMENT NUMBER			
1 PLACE ±				DRWN: YLQIAO				2004/12/06			
0 PLACES ±				APPR: SCLOW				2004/12/07			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A3-SIZE		87891		SEE TABLE	
										CUSTOMER	
										GENERAL MARKET	
										SHEET NUMBER	
										2 OF 8	

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11	11:53:25
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F	10	9			8		7		6		5		4			3		2		1			
		PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION				
		TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P
		87891-0711	---	---	7	---	1	17.78	15.24	11.30	5.84	2.97	87891-1001	---	---	10	---	1	25.40	22.86	11.30	5.84	2.97
		87891-0702	---	---	7	---	2	17.78	15.24	11.30	5.84	2.97	87891-1002	---	---	10	---	2	25.40	22.86	11.30	5.84	2.97
		87891-0703	---	---	7	---	3	17.78	15.24	11.30	5.84	2.97	87891-1003	---	---	10	---	3	25.40	22.86	11.30	5.84	2.97
		87891-0704	---	---	7	---	4	17.78	15.24	11.30	5.84	2.97	87891-1004	---	---	10	---	4	25.40	22.86	11.30	5.84	2.97
		87891-0705	---	---	7	---	5	17.78	15.24	11.30	5.84	2.97	87891-1005	---	---	10	---	5	25.40	22.86	11.30	5.84	2.97
		87891-0706	---	---	7	---	6	17.78	15.24	11.30	5.84	2.97	87891-1006	---	---	10	---	6	25.40	22.86	11.30	5.84	2.97
E		87891-0801	---	---	8	---	1	20.32	17.78	11.30	5.84	2.97	87891-1101	---	---	11	---	1	27.94	25.40	11.30	5.84	2.97
		87891-0802	---	---	8	---	2	20.32	17.78	11.30	5.84	2.97	87891-1102	---	---	11	---	2	27.94	25.40	11.30	5.84	2.97
		87891-0803	---	---	8	---	3	20.32	17.78	11.30	5.84	2.97	87891-1103	---	---	11	---	3	27.94	25.40	11.30	5.84	2.97
		87891-0804	---	---	8	---	4	20.32	17.78	11.30	5.84	2.97	87891-1104	---	---	11	---	4	27.94	25.40	11.30	5.84	2.97
		87891-0805	---	---	8	---	5	20.32	17.78	11.30	5.84	2.97	87891-1105	---	---	11	---	5	27.94	25.40	11.30	5.84	2.97
		87891-0806	---	---	8	---	6	20.32	17.78	11.30	5.84	2.97	87891-1106	---	---	11	---	6	27.94	25.40	11.30	5.84	2.97
D		87891-0901	---	---	9	---	1	22.86	20.32	11.30	5.84	2.97	87891-1201	---	---	12	---	1	30.48	27.94	11.30	5.84	2.97
		87891-0092	---	---	9	---	2	22.86	20.32	11.30	5.84	2.97	87891-1202	---	---	12	---	2	30.48	27.94	11.30	5.84	2.97
		87891-0903	---	---	9	---	3	22.86	20.32	11.30	5.84	2.97	87891-1203	---	---	12	---	3	30.48	27.94	11.30	5.84	2.97
		87891-0904	---	---	9	---	4	22.86	20.32	11.30	5.84	2.97	87891-1204	---	---	12	---	4	30.48	27.94	11.30	5.84	2.97
		87891-0905	---	---	9	---	5	22.86	20.32	11.30	5.84	2.97	87891-1205	---	---	12	---	5	30.48	27.94	11.30	5.84	2.97
		87891-0906	---	---	9	---	6	22.86	20.32	11.30	5.84	2.97	87891-1206	---	---	12	---	6	30.48	27.94	11.30	5.84	2.97
C																							
B																							
A																							

[illegible]

10	9			8		7		6	5	4	3	2	1			
	PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					A	B	F	M	P
	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P					
	87891-1901	---	---	19	---	1	48.26	45.72	11.30	5.84	2.97					
	87891-1902	---	---	19	---	2	48.26	45.72	11.30	5.84	2.97					
	87891-1903	---	---	19	---	3	48.26	45.72	11.30	5.84	2.97					
	87891-1904	---	---	19	---	4	48.26	45.72	11.30	5.84	2.97					
	87891-1905	---	---	19	---	5	48.26	45.72	11.30	5.84	2.97					
	87891-1906	---	---	19	---	6	48.26	45.72	11.30	5.84	2.97					
	87891-2001	---	---	20	---	1	50.80	48.26	11.30	5.84	2.97					
	87891-2002	---	---	20	---	2	50.80	48.26	11.30	5.84	2.97					
	87891-2003	---	---	20	---	3	50.80	48.26	11.30	5.84	2.97					
	87891-2004	---	---	20	---	4	50.80	48.26	11.30	5.84	2.97					
	87891-2005	---	---	20	---	5	50.80	48.26	11.30	5.84	2.97					
	87891-2006	---	---	20	---	6	50.80	48.26	11.30	5.84	2.97					
	87891-2101	---	---	21	---	1	53.34	50.80	11.30	5.84	2.97					
	87891-2102	---	---	21	---	2	53.34	50.80	11.30	5.84	2.97					
	87891-2103	---	---	21	---	3	53.34	50.80	11.30	5.84	2.97					
	87891-2104	---	---	21	---	4	53.34	50.80	11.30	5.84	2.97					
	87891-2105	---	---	21	---	5	53.34	50.80	11.30	5.84	2.97					
	87891-2106	---	---	21	---	6	53.34	50.80	11.30	5.84	2.97					

	PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					A	B	F	M	P
	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P					
	87891-2201	---	---	22	---	1	55.88	53.34	11.30	5.84	2.97					
	87891-2202	---	---	22	---	2	55.88	53.34	11.30	5.84	2.97					
	87891-2203	---	---	22	---	3	55.88	53.34	11.30	5.84	2.97					
	87891-2204	---	---	22	---	4	55.88	53.34	11.30	5.84	2.97					
	87891-2205	---	---	22	---	5	55.88	53.34	11.30	5.84	2.97					
	87891-2206	---	---	22	---	6	55.88	53.34	11.30	5.84	2.97					
	87891-2301	---	---	23	---	1	58.42	55.88	11.30	5.84	2.97					
	87891-2302	---	---	23	---	2	58.42	55.88	11.30	5.84	2.97					
	87891-2303	---	---	23	---	3	58.42	55.88	11.30	5.84	2.97					
	87891-2304	---	---	23	---	4	58.42	55.88	11.30	5.84	2.97					
	87891-2305	---	---	23	---	5	58.42	55.88	11.30	5.84	2.97					
	87891-2306	---	---	23	---	6	58.42	55.88	11.30	5.84	2.97					
	87891-2401	---	---	24	---	1	60.96	58.42	11.30	5.84	2.97					
	87891-2402	---	---	24	---	2	60.96	58.42	11.30	5.84	2.97					
	87891-2403	---	---	24	---	3	60.96	58.42	11.30	5.84	2.97					
	87891-2404	---	---	24	---	4	60.96	58.42	11.30	5.84	2.97					
	87891-2405	---	---	24	---	5	60.96	58.42	11.30	5.84	2.97					
	87891-2406	---	---	24	---	6	60.96	58.42	11.30	5.84	2.97					

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:				<div>molex</div> <div>CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER</div>						
mm		NTS												
GENERAL TOLERANCES (UNLESS SPECIFIED)														
ANGULAR TOL		± 3.0 °												
4 PLACES		±		EC NO: 679909 DRWN: AKUMAR19 2021/10/08 CHK'D: MRAMAKRISHNA 2021/10/11 APPR: MRAMAKRISHNA 2021/10/11				PRODUCT CUSTOMER DRAWING						
3 PLACES		±												
2 PLACES		± 0.2												
1 PLACE		±		INITIAL REVISION: DRWN: YLQIAO 2004/12/06 APPR: SCLOW 2004/12/07				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
0 PLACES		±						SD-87891-013		PSD	001	B5		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		87891	SEE TABLE		GENERAL MARKET		5 OF 8	

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11	11:53:25						
9		8		7	6	5	4	3	2	1
FORMAT: master-B-prod-A3										
REVISION: J										
DATE: 2020/01/14										

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL

±

3.0 °

4 PLACES

±

3 PLACES

±

2 PLACES

±

0.2

1 PLACE

±

0 PLACES

±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87891

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 8

CURRENT REV DESC:

EC NO: 679909

DRWN: AKUMAR19

CHK'D: MRAMAKRISHNA

APPR: MRAMAKRISHNA

2021/10/08

2021/10/11

2021/10/11

INITIAL REVISION:

DRWN: YLQIAO

APPR: SCLW

2004/12/06

2004/12/07

molex

CUSTOM HEADER
2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H
HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-87891-013

DOC TYPE

PSD

DOC PART

001

REVISION

B5

10	9			8		7		6			5		4			3		2		1			
	PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					
	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P	
	87891-2501	---	---	25	---	1	63.50	60.96	11.30	5.84	2.97	---	87891-2801	---	28	---	1	71.12	68.58	11.30	5.84	2.97	
	87891-2502	---	---	25	---	2	63.50	60.96	11.30	5.84	2.97	---	87891-2802	---	28	---	2	71.12	68.58	11.30	5.84	2.97	
	87891-2503	---	---	25	---	3	63.50	60.96	11.30	5.84	2.97	---	87891-2803	---	28	---	3	71.12	68.58	11.30	5.84	2.97	
	87891-2504	---	---	25	---	4	63.50	60.96	11.30	5.84	2.97	---	87891-2804	---	28	---	4	71.12	68.58	11.30	5.84	2.97	
	87891-2505	---	---	25	---	5	63.50	60.96	11.30	5.84	2.97	---	87891-2805	---	28	---	5	71.12	68.58	11.30	5.84	2.97	
	87891-2506	---	---	25	---	6	63.50	60.96	11.30	5.84	2.97	---	87891-2806	---	28	---	6	71.12	68.58	11.30	5.84	2.97	
	---	87891-2611	---	26	---	1	66.04	63.50	11.30	5.84	2.97	---	87891-2901	---	29	---	1	73.66	71.12	11.30	5.84	2.97	
	---	87891-2602	---	26	---	2	66.04	63.50	11.30	5.84	2.97	---	87891-2902	---	29	---	2	73.66	71.12	11.30	5.84	2.97	
	---	87891-2603	---	26	---	3	66.04	63.50	11.30	5.84	2.97	---	87891-2903	---	29	---	3	73.66	71.12	11.30	5.84	2.97	
	---	87891-2604	---	26	---	4	66.04	63.50	11.30	5.84	2.97	---	87891-2904	---	29	---	4	73.66	71.12	11.30	5.84	2.97	
	---	87891-2605	---	26	---	5	66.04	63.50	11.30	5.84	2.97	---	87891-2905	---	29	---	5	73.66	71.12	11.30	5.84	2.97	
	---	87891-2606	---	26	---	6	66.04	63.50	11.30	5.84	2.97	---	87891-2906	---	29	---	6	73.66	71.12	11.30	5.84	2.97	
	---	87891-2701	---	27	---	1	68.58	66.04	11.30	5.84	2.97	---	87891-3001	---	30	---	1	76.20	73.66	11.30	5.84	2.97	
	---	87891-2702	---	27	---	2	68.58	66.04	11.30	5.84	2.97	---	87891-3002	---	30	---	2	76.20	73.66	11.30	5.84	2.97	
	---	87891-2703	---	27	---	3	68.58	66.04	11.30	5.84	2.97	---	87891-3003	---	30	---	3	76.20	73.66	11.30	5.84	2.97	
	---	87891-2704	---	27	---	4	68.58	66.04	11.30	5.84	2.97	---	87891-3004	---	30	---	4	76.20	73.66	11.30	5.84	2.97	
	---	87891-2705	---	27	---	5	68.58	66.04	11.30	5.84	2.97	---	87891-3005	---	30	---	5	76.20	73.66	11.30	5.84	2.97	
	---	87891-2706	---	27	---	6	68.58	66.04	11.30	5.84	2.97	---	87891-3006	---	30	---	6	76.20	73.66	11.30	5.84	2.97	

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				<div>molex</div> <div>CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER</div>						
mm		NTS												
GENERAL TOLERANCES (UNLESS SPECIFIED)														
ANGULAR TOL ± 3.0 °														
4 PLACES		±		EC NO: 679909 DRWN: AKUMAR19 2021/10/08 CHK'D: MRAMAKRISHNA 2021/10/11 APPR: MRAMAKRISHNA 2021/10/11				PRODUCT CUSTOMER DRAWING						
3 PLACES		±												
2 PLACES		± 0.2												
1 PLACE		±		INITIAL REVISION: DRWN: YLQIAO 2004/12/06 APPR: SCLOW 2004/12/07				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
0 PLACES		±						SD-87891-013		PSD	001	B5		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		87891	SEE TABLE		GENERAL MARKET		6 OF 8	

DOCUMENT STATUS		P1	RELEASE DATE	2021/10/11	11:53:25	9		8		7		6		5		4		3		2		1	
FORMAT: master-B-prod-A3 REVISION: J DATE: 2020/01/14																							

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL

±

3.0 °

4 PLACES

±

3 PLACES

±

2 PLACES

±

0.2

1 PLACE

±

0 PLACES

±

DRAFT WHERE APPLICABLE

MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 679909

DRWN: AKUMAR19

CHK'D: MRAMAKRISHNA

APPR: MRAMAKRISHNA

INITIAL REVISION:

DRWN: YLQIAO

APPR: SCLOW

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87891

2021/10/08

2021/10/11

2021/10/11

2004/12/06

2004/12/07

2021/10/08

2021/10/11

molex

CUSTOM HEADER

2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-87891-013

DOC TYPE

PSD

DOC PART

001

REVISION

B5

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

6 OF 8

10	9			8			7			6			5			4			3			2			1		
	PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION									
TRAY			BULK				TUBE WITHOUT CAP			A	B	F	M	P				TRAY			BULK			TUBE WITHOUT CAP			A
F	---	87891-3101			---	31	---	1	78.74	76.20	11.30	5.84	2.97	---	87891-3401			---	34	---	1	86.36	83.82	11.30	5.84	2.97	F
	---	87891-3102			---	31	---	2	78.74	76.20	11.30	5.84	2.97	---	87891-3402			---	34	---	2	86.36	83.82	11.30	5.84	2.97	
	---	87891-3103			---	31	---	3	78.74	76.20	11.30	5.84	2.97	---	87891-3403			---	34	---	3	86.36	83.82	11.30	5.84	2.97	
	---	87891-3104			---	31	---	4	78.74	76.20	11.30	5.84	2.97	---	87891-3404			---	34	---	4	86.36	83.82	11.30	5.84	2.97	
	---	87891-3105			---	31	---	5	78.74	76.20	11.30	5.84	2.97	---	87891-3405			---	34	---	5	86.36	83.82	11.30	5.84	2.97	
	---	87891-3106			---	31	---	6	78.74	76.20	11.30	5.84	2.97	---	87891-3406			---	34	---	6	86.36	83.82	11.30	5.84	2.97	
E																											E
	---	87891-3201			---	32	---	1	81.28	78.74	11.30	5.84	2.97	---	87891-3501			---	35	---	1	88.90	86.36	11.30	5.84	2.97	
	---	87891-3202			---	32	---	2	81.28	78.74	11.30	5.84	2.97	---	87891-3502			---	35	---	2	88.90	86.36	11.30	5.84	2.97	
	---	87891-3203			---	32	---	3	81.28	78.74	11.30	5.84	2.97	---	87891-3503			---	35	---	3	88.90	86.36	11.30	5.84	2.97	
	---	87891-3204			---	32	---	4	81.28	78.74	11.30	5.84	2.97	---	87891-3504			---	35	---	4	88.90	86.36	11.30	5.84	2.97	
D	---	87891-3205			---	32	---	5	81.28	78.74	11.30	5.84	2.97	---	87891-3505			---	35	---	5	88.90	86.36	11.30	5.84	2.97	D
	---	87891-3206			---	32	---	6	81.28	78.74	11.30	5.84	2.97	---	87891-3506			---	35	---	6	88.90	86.36	11.30	5.84	2.97	
	---	87891-3301			---	33	---	1	83.82	81.28	11.30	5.84	2.97	---	87891-3611			---	36	---	1	91.44	88.90	11.30	5.84	2.97	
	---	87891-3302			---	33	---	2	83.82	81.28	11.30	5.84	2.97	---	87891-3602			---	36	---	2	91.44	88.90	11.30	5.84	2.97	
C	---	87891-3303			---	33	---	3	83.82	81.28	11.30	5.84	2.97	---	87891-3603			---	36	---	3	91.44	88.90	11.30	5.84	2.97	C
	---	87891-3304			---	33	---	4	83.82	81.28	11.30	5.84	2.97	---	87891-3604			---	36	---	4	91.44	88.90	11.30	5.84	2.97	
	---	87891-3305			---	33	---	5	83.82	81.28	11.30	5.84	2.97	---	87891-3605			---	36	---	5	91.44	88.90	11.30	5.84	2.97	
	---	87891-3306			---	33	---	6	83.82	81.28	11.30	5.84	2.97	---	87891-3606			---	36	---	6	91.44	88.90	11.30	5.84	2.97	
B																											B
A																											A
DOCUMENT STATUS				P1	RELEASE DATE		2021/10/11		11:53:25																		
FORMAT: master-b-prod-A3 REVISION: J DATE: 2020/1/14				9		8		7		6		5		4		3		2		1							

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 3.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.2

1 PLACE ±

0 PLACES ±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87891

DOCUMENT NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

7 OF 8

EC NO: 679909

DRWN: AKUMAR19

CHK'D: MRAMAKRISHNA

APPR: MRAMAKRISHNA

INITIAL REVISION:

DRWN: YLQIAO

APPR: SCLOW

2021/10/08

2021/10/11

2021/10/11

2004/12/06

2004/12/07

CUSTOMER DRAWING

SD-87891-013

PSD

001

B5

2021/10/08

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F	E	PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					F
		TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P	
		---	87891-3701	---	37	---	1	93.98	91.44	11.30	5.84	2.97	---	87891-4001	---	40	---	1	101.60	99.06	11.30	5.84	2.97	
		---	87891-3702	---	37	---	2	93.98	91.44	11.30	5.84	2.97	---	87891-4002	---	40	---	2	101.60	99.06	11.30	5.84	2.97	
		---	87891-3703	---	37	---	3	93.98	91.44	11.30	5.84	2.97	---	87891-4003	---	40	---	3	101.60	99.06	11.30	5.84	2.97	
		---	87891-3704	---	37	---	4	93.98	91.44	11.30	5.84	2.97	---	87891-4004	---	40	---	4	101.60	99.06	11.30	5.84	2.97	
		---	87891-3705	---	37	---	5	93.98	91.44	11.30	5.84	2.97	---	87891-4005	---	40	---	5	101.60	99.06	11.30	5.84	2.97	
---		87891-3706	---	37	---	6	93.98	91.44	11.30	5.84	2.97	---	87891-4006	---	40	---	6	101.60	99.06	11.30	5.84	2.97		
---		87891-3801	---	38	---	1	96.52	93.98	11.30	5.84	2.97													
---		87891-3802	---	38	---	2	96.52	93.98	11.30	5.84	2.97													
---		87891-3803	---	38	---	3	96.52	93.98	11.30	5.84	2.97													
---		87891-3804	---	38	---	4	96.52	93.98	11.30	5.84	2.97													
---		87891-3805	---	38	---	5	96.52	93.98	11.30	5.84	2.97													
---		87891-3806	---	38	---	6	96.52	93.98	11.30	5.84	2.97													
---		87891-3901	---	39	---	1	99.06	96.52	11.30	5.84	2.97													
---		87891-3902	---	39	---	2	99.06	96.52	11.30	5.84	2.97													
---		87891-3903	---	39	---	3	99.06	96.52	11.30	5.84	2.97													
---		87891-3904	---	39	---	4	99.06	96.52	11.30	5.84	2.97													
---		87891-3905	---	39	---	5	99.06	96.52	11.30	5.84	2.97													
---		87891-3906	---	39	---	6	99.06	96.52	11.30	5.84	2.97													
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