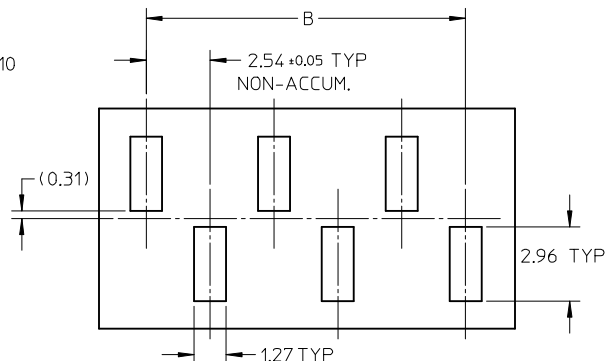
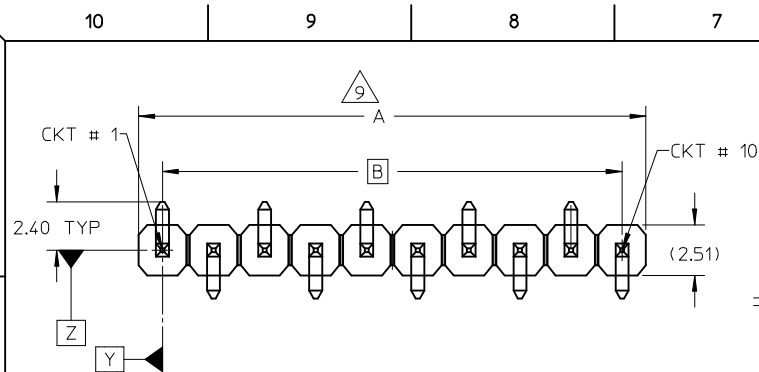
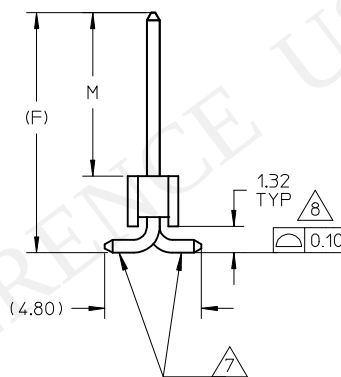
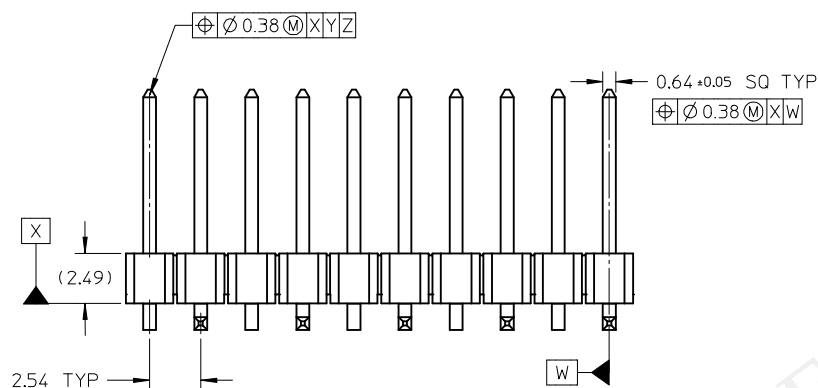


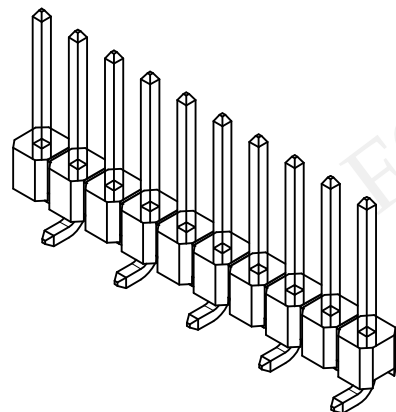


**RECOMMENDED PCB LAYOUT
(CKT 6 IS FOR ILLUSTRATION PURPOSE ONLY)**



NOTES:

1. MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.64MM SQ, COPPER ALLOY
2. PLATING TYPE:
(1) GOLD FLASH 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.
(4) 0.38μm MIN. GOLD PLATE ON CONTACT AND
2.00μm MIN. TIN ON SOLDER TAIL OVER
1.25μm MIN. NICKEL OVERALL.
(5) 0.75μm MIN. GOLD PLATE ON CONTACT AND
2.00μm MIN. TIN ON SOLDER TAIL OVER
1.25μm MIN. NICKEL OVERALL.
(6) 2.50μm MIN. TIN OVERALL
1.25μm MIN. NICKEL OVERALL
3. PRODUCT SPECIFICATION: PS-87920-019
4. PACKAGING TYPE: SEE TABLE
5. PACKAGING SPEC: PK-89990-545(TUBE)
6. WAFER TO BE FLAT WITHIN 0.003 mm/mm
7. BEND DEPRESSION IS ACCEPTED SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL
8. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE
9. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
10. TUBE LENGTH AS PER STANDARD 560mm
11. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10



NEW DOC. CREATED FOR 87898-1067 EC NO: SZ016-0719 DRAWN:MRAMAKRI SHNA 2016/02/11 CHKD: APPR:MRAMAKRI SHNA 2016/03/18	DESCRIPTION		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
	REV		 FA=0  FC=0  FP=0			DRAWN BY DATE		TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER molex				
				4 PLACES ± --- ± ---		MRAMAKRI SHNA 2016/02/11						
				3 PLACES ± --- ± ---		CHECKED BY DATE						
				2 PLACES ± 0.2 ± ---		APPROVED BY DATE						
				1 PLACE ± --- ± ---		MRAMAKRI SHNA 2016/03/18						
	1					0 PLACE ± ±		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
				ANGULAR ± 3 °		SEE TABLE		RSD-87898-1067		1 OF 2		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

10 9 8 7 6 5 4 3 2 1

F

E

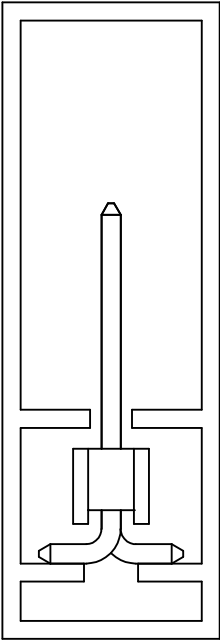
D

C

B

A

PART WITHOUT CAP
IN TUBE
ORIENTATION



PACKAGING OPTION PART NO.	CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION			
				A	B	F	M
87898-1067	10	-----	6	25.40	22.86	11.94	8.13

F

E

D

C

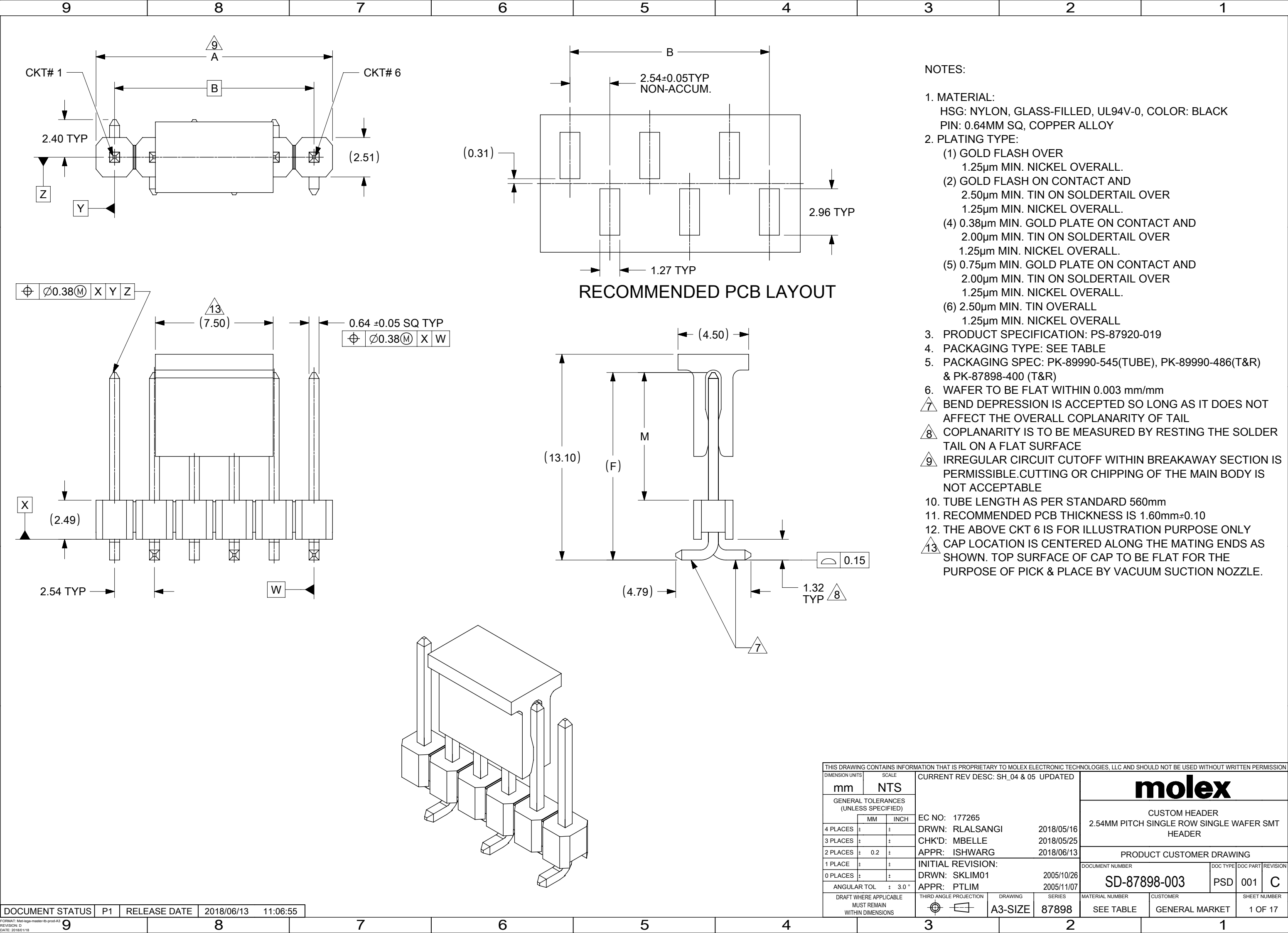
B

A

FOR REFERENCE USE ONLY

NEW DOC. CREATED FOR 87898-1067 EC NO: S2016-0719 DRAWN:MRAMAKRISHNA 2016/02/11 CHKD: APPR:MRAMAKRISHNA 2016/03/18 1	DESCRIPTION REV	QUALITY SYMBOLS $\nabla_A=0$ $\nabla_G=0$ $\nabla_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY	DATE	TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER molex			
			4 PLACES	± ---	± ---	MRAMAKRISHNA 2016/02/11	DATE				
			3 PLACES	± ---	± ---	CHECKED BY	DATE	SHEET NO. 2 OF 2			
			2 PLACES	± 0.2	± ---	APPROVED BY	DATE				
			1 PLACE	± ---	± ---	MRAMAKRISHNA 2016/03/18	DATE				
			0 PLACE	±	±	MATERIAL NO.		DOCUMENT NO. RSD-87898-1067			
			ANGULAR ± 3 °			SEE TABLE					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

9 8 7 6 5 4 3 2 1



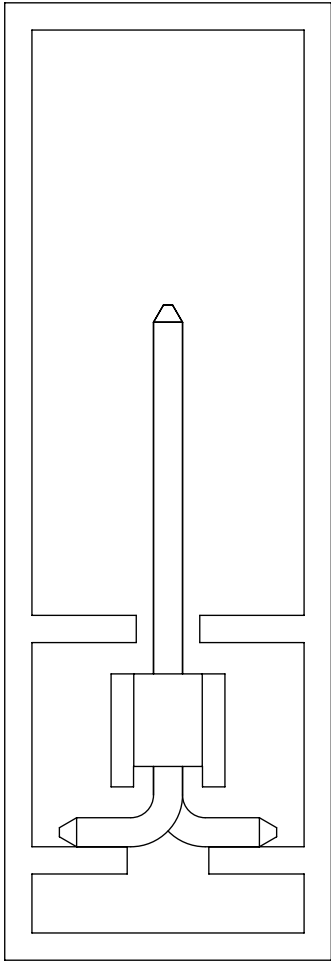
- NOTES:
1. MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.64MM SQ, COPPER ALLOY
 2. PLATING TYPE:
(1) GOLD FLASH OVER
1.25µm MIN. NICKEL OVERALL.
(2) GOLD FLASH ON CONTACT AND
2.50µm MIN. TIN ON SOLDERTAIL OVER
1.25µm MIN. NICKEL OVERALL.
(4) 0.38µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDERTAIL OVER
1.25µm MIN. NICKEL OVERALL.
(5) 0.75µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDERTAIL OVER
1.25µm MIN. NICKEL OVERALL.
(6) 2.50µm MIN. TIN OVERALL
1.25µm MIN. NICKEL OVERALL
 3. PRODUCT SPECIFICATION: PS-87920-019
 4. PACKAGING TYPE: SEE TABLE
 5. PACKAGING SPEC: PK-89990-545(TUBE), PK-89990-486(T&R)
& PK-87898-400 (T&R)
 6. WAFER TO BE FLAT WITHIN 0.003 mm/mm
 7. BEND DEPRESSION IS ACCEPTED SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL
 8. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE
 9. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE.CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
 10. TUBE LENGTH AS PER STANDARD 560mm
 11. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
 12. THE ABOVE CKT 6 IS FOR ILLUSTRATION PURPOSE ONLY
 13. CAP LOCATION IS CENTERED ALONG THE MATING ENDS AS SHOWN. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE.

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: SH_04 & 05 UPDATED											
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER											
		MM	INCH												
4 PLACES	±		±												
3 PLACES	±		±												
2 PLACES	±	0.2													
1 PLACE	±		±												
0 PLACES	±		±												
ANGULAR TOL		± 3.0 °													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		87898		SEE TABLE		GENERAL MARKET		1 OF 17	

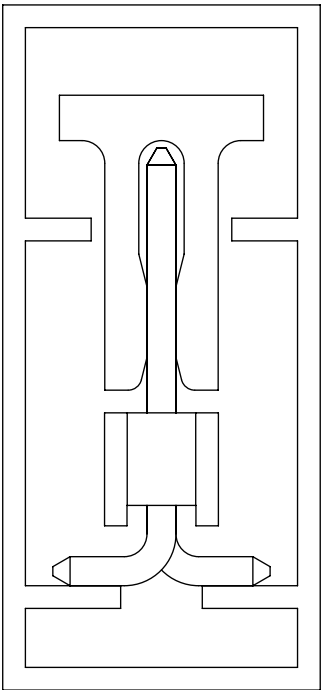
EC NO: 177265	
DRWN: RLALSANGI	2018/05/16
CHK'D: MBELLE	2018/05/25
APPR: ISHWARG	2018/06/13
INITIAL REVISION:	
DRWN: SKLIM01	2005/10/26
APPR: PTLIM	2005/11/07

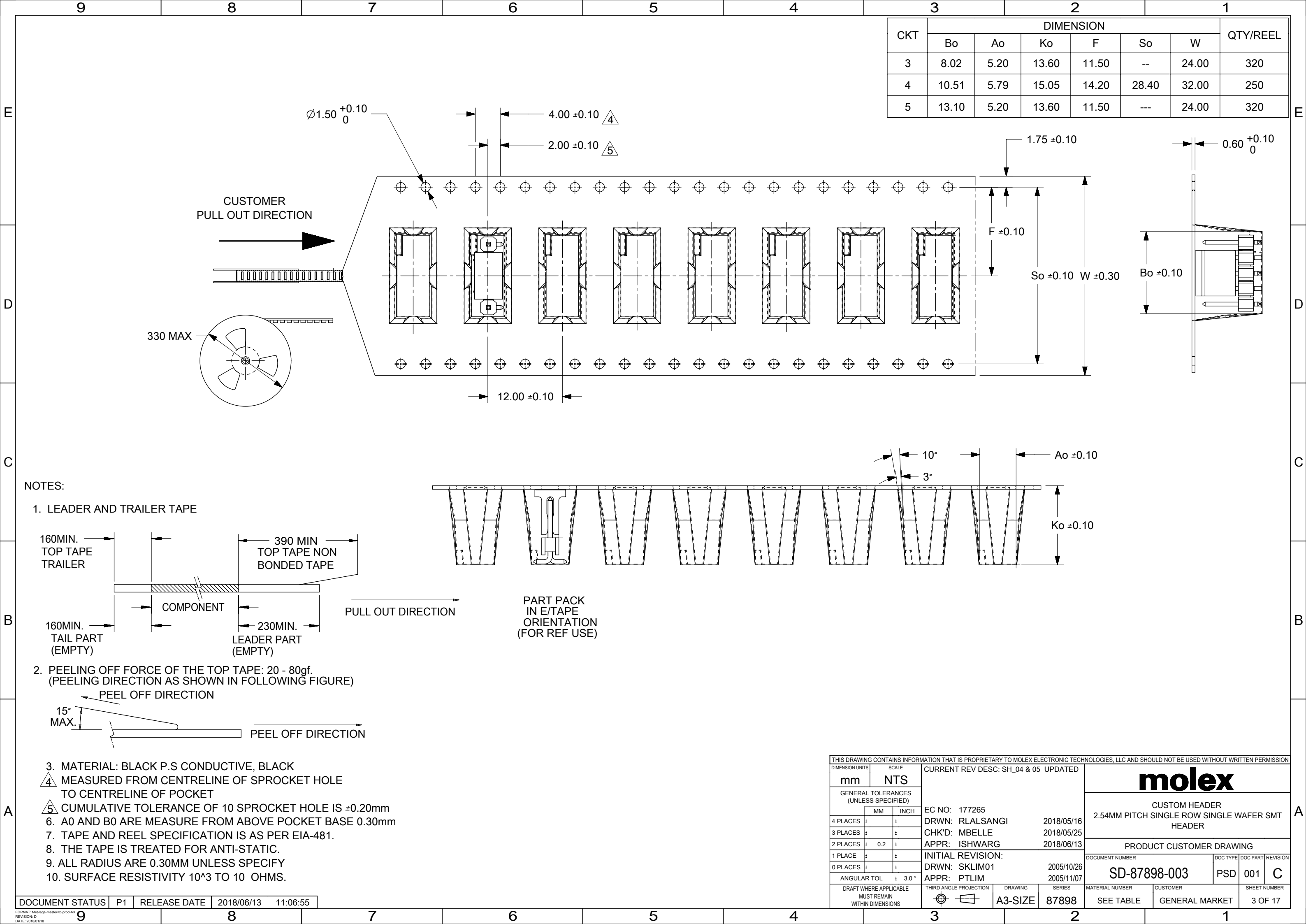
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87898-003	PSD	001	C

PART WITHOUT CAP
IN TUBE
ORIENTATION



PART WITH CAP
IN TUBE
ORIENTATION





PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION			
TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	F	M
-----	C 87898-0361	-----	-----	-----	-----	3	----	1	7.62	5.08	11.94	8.13
-----	C 87898-0362	-----	-----	-----	-----	3	----	2	7.62	5.08	11.94	8.13
-----	C 87898-0364	-----	-----	-----	87898-0369	3	----	4	7.62	5.08	11.94	8.13
-----	C 87898-0365	-----	-----	-----	-----	3	----	5	7.62	5.08	11.94	8.13
-----	C 87898-0366	-----	87898-0367	-----	87898-0368	3	----	6	7.62	5.08	11.94	8.13

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87898

CURRENT REV DESC: SH_04 & 05 UPDATED

EC NO: 177265

DRWN: RLALSANGI

CHK'D: MBELLE

APPR: ISHWARG

2018/05/16

2018/05/25

2018/06/13

molex

CUSTOM HEADER

2.54MM PITCH SINGLE ROW SINGLE WAFER SMT
HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-87898-003

DOC TYPE

PSD

DOC PART

001

REVISION

C

MATERIAL NUMBER

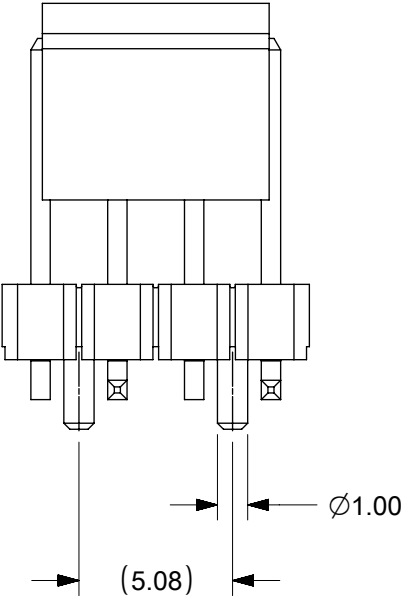
SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

4 OF 17

9		8		7		6		5		4		3		2		1																																																																																																																																																	
E	PACKAGING OPTION PART NO.						CKT SIZE	PEG	VOID POSITION	PLATING TYPE	DIMENSION																																																																																																																																																						
	TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP					A	B	F	M																																																																																																																																																			
	-----	-----	87898-0461	-----	-----	-----	4	---	----	1	10.16	7.62	11.94	8.13																																																																																																																																																			
	-----	-----	87898-0462	-----	-----	-----	4	---	----	2	10.16	7.62	11.94	8.13																																																																																																																																																			
	-----	-----	87898-0464	-----	-----	-----	4	---	----	4	10.16	7.62	11.94	8.13																																																																																																																																																			
	-----	-----	87898-0465	-----	-----	-----	4	---	----	5	10.16	7.62	11.94	8.13																																																																																																																																																			
	-----	-----	87898-0466	-----	-----	87898-0467	4	---	----	6	10.16	7.62	11.94	8.13																																																																																																																																																			
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C	-----	-----	87898-0661	-----	-----	-----	6	---	----	1	15.24	12.70	11.94	8.13																																																																																																																																																			
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	-----	-----	87898-0666	-----	-----	C 87898-0605	6	---	----	6	15.24	12.70	11.94	8.13																																																																																																																																																			
4 CKT WITH PEG FOR ILLUSTRATION ONLY 																																																																																																																																																																	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <table><tr><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="4" rowspan="2">CURRENT REV DESC: SH_04 & 05 UPDATED</td><td colspan="4" rowspan="2"> molex CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER </td></tr><tr><td colspan="2">mm</td><td colspan="2">NTS</td></tr><tr><td colspan="4">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">EC NO: 177265</td><td colspan="2">DRWN: RLALSANGI 2018/05/16</td><td colspan="2">CHK'D: MBELLE 2018/05/25</td><td colspan="2">APPR: ISHWARG 2018/06/13</td><td colspan="4">PRODUCT CUSTOMER DRAWING</td></tr><tr><td colspan="2">4 PLACES</td><td>±</td><td>±</td><td colspan="4">INITIAL REVISION:</td><td colspan="4">DOCUMENT NUMBER</td><td colspan="2">DOC TYPE</td><td colspan="2">DOC PART</td><td colspan="2">REVISION</td></tr><tr><td colspan="2">3 PLACES</td><td>±</td><td>±</td><td colspan="4">DRWN: SKLIM01 2005/10/26</td><td colspan="4">SD-87898-003</td><td colspan="2">PSD</td><td colspan="2">001</td><td colspan="2">C</td></tr><tr><td colspan="2">2 PLACES</td><td>±</td><td>0.2</td><td colspan="2">±</td><td colspan="4">APPR: PTLIM 2005/11/07</td><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td colspan="4">SHEET NUMBER</td></tr><tr><td colspan="2">1 PLACE</td><td>±</td><td>±</td><td colspan="2">±</td><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">THIRD ANGLE PROJECTION</td><td colspan="2">DRAWING</td><td colspan="2">SERIES</td><td colspan="2">SEE TABLE</td><td colspan="2">GENERAL MARKET</td><td colspan="2">5 OF 17</td></tr><tr><td colspan="2">0 PLACES</td><td>±</td><td>±</td><td colspan="2">±</td><td colspan="2"></td><td colspan="2"></td><td colspan="2">A3-SIZE</td><td colspan="2">87898</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">ANGULAR TOL</td><td colspan="2">± 3.0 °</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr></table>																DIMENSION UNITS		SCALE		CURRENT REV DESC: SH_04 & 05 UPDATED				molex CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER				mm		NTS		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 177265		DRWN: RLALSANGI 2018/05/16		CHK'D: MBELLE 2018/05/25		APPR: ISHWARG 2018/06/13		PRODUCT CUSTOMER DRAWING				4 PLACES		±	±	INITIAL REVISION:				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION		3 PLACES		±	±	DRWN: SKLIM01 2005/10/26				SD-87898-003				PSD		001		C		2 PLACES		±	0.2	±		APPR: PTLIM 2005/11/07				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				1 PLACE		±	±	±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE TABLE		GENERAL MARKET		5 OF 17		0 PLACES		±	±	±						A3-SIZE		87898								ANGULAR TOL		± 3.0 °																	
DIMENSION UNITS		SCALE		CURRENT REV DESC: SH_04 & 05 UPDATED				molex CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER																																																																																																																																																									
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3 PLACES		±	±	DRWN: SKLIM01 2005/10/26				SD-87898-003				PSD		001		C																																																																																																																																																	
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PACKAGING OPTION PART NO.														CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION																																																																																																												
TRAY WITHOUT CAP		TRAY WITH CAP		TUBE WITHOUT CAP		TUBE WITH CAP		TAPE & REEL WITHOUT CAP		TAPE & REEL WITH CAP		A	B				F	M																																																																																																											
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PACKAGING OPTION PART NO.														CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION																																																																																																												
TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP	A	B	F	M																																																																																																																				
-----	-----	87898-3761	-----	-----	-----	37	----	1	93.98	91.44	11.94	8.13																																																																																																																	
-----	-----	87898-3762	-----	-----	-----	37	----	2	93.98	91.44	11.94	8.13																																																																																																																	
-----	-----	87898-3764	-----	-----	-----	37	----	4	93.98	91.44	11.94	8.13																																																																																																																	
-----	-----	87898-3765	-----	-----	-----	37	----	5	93.98	91.44	11.94	8.13																																																																																																																	
-----	-----	87898-3766	-----	-----	-----	37	----	6	93.98	91.44	11.94	8.13																																																																																																																	
-----	-----	87898-3861	-----	-----	-----	38	----	1	96.52	93.98	11.94	8.13																																																																																																																	
-----	-----	87898-3862	-----	-----	-----	38	----	2	96.52	93.98	11.94	8.13																																																																																																																	
-----	-----	87898-3864	-----	-----	-----	38	----	4	96.52	93.98	11.94	8.13																																																																																																																	
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-----	-----	87898-3964	-----	-----	-----	39	----	4	99.06	96.52	11.94	8.13																																																																																																																	
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-----	-----	87898-3966	-----	-----	-----	39	----	6	99.06	96.52	11.94	8.13																																																																																																																	
DOCUMENT STATUS														P1	RELEASE DATE														2018/06/13	11:06:55																																																																																															
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

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87898

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

16 OF 17

CURRENT REV DESC: SH_04 & 05 UPDATED

EC NO: 177265

DRWN: RLALSANGI

CHK'D: MBELLE

APPR: ISHWARG

2018/05/16

2018/05/25

2018/06/13

INITIAL REVISION:

DRWN: SKLIM01

APPR: PTLIM

2005/10/26

2005/11/07

DOCUMENT NUMBER

SD-87898-003

DOC TYPE

PSD

DOC PART

001

REVISION

C

molex

CUSTOM HEADER

2.54MM PITCH SINGLE ROW SINGLE WAFER SMT
HEADER

PRODUCT CUSTOMER DRAWING

FORMAT: Mef-lega-master-ib-prod-A3

REVISION: D

DATE: 2018/01/18

PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION			
TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	F	M
-----	-----	87898-4061	-----	-----	-----	40	-----	1	101.6	99.06	11.94	8.13
-----	-----	87898-4062	-----	-----	-----	40	-----	2	101.6	99.06	11.94	8.13
-----	-----	87898-4064	-----	-----	-----	40	-----	4	101.6	99.06	11.94	8.13
-----	-----	87898-4065	-----	-----	-----	40	-----	5	101.6	99.06	11.94	8.13
-----	-----	87898-4066	-----	-----	-----	40	-----	6	101.6	99.06	11.94	8.13