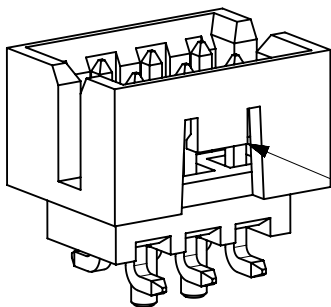
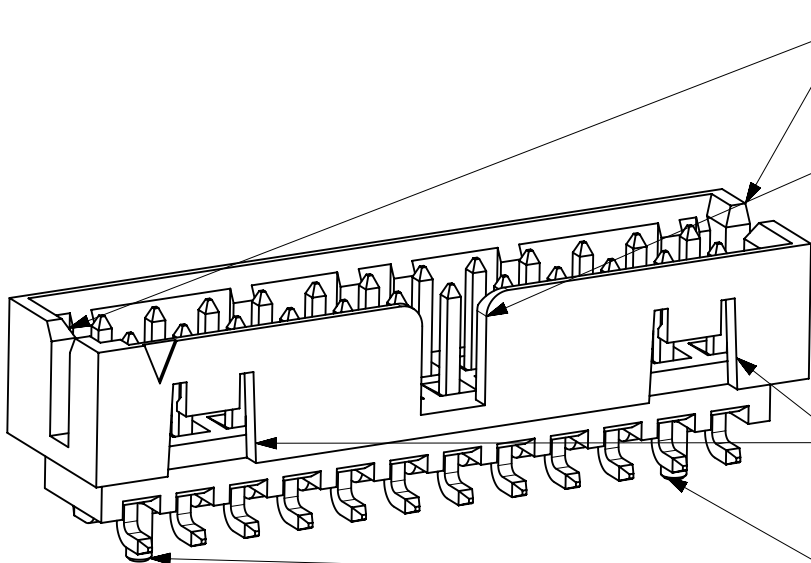


FEATURES SELECTION GUIDE



2 CENTER LOCK



3 DUAL SIDE SLOTS

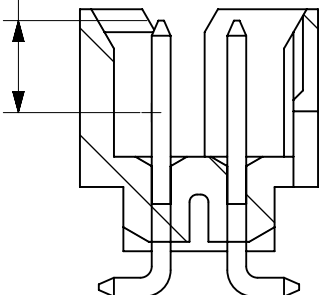
4 CENTER POLARIZATION

1 DUAL LOCKS

5 PEGS

PLATING MEASUREMENT

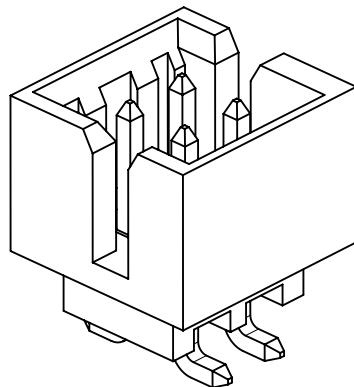
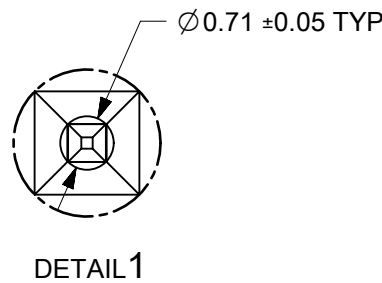
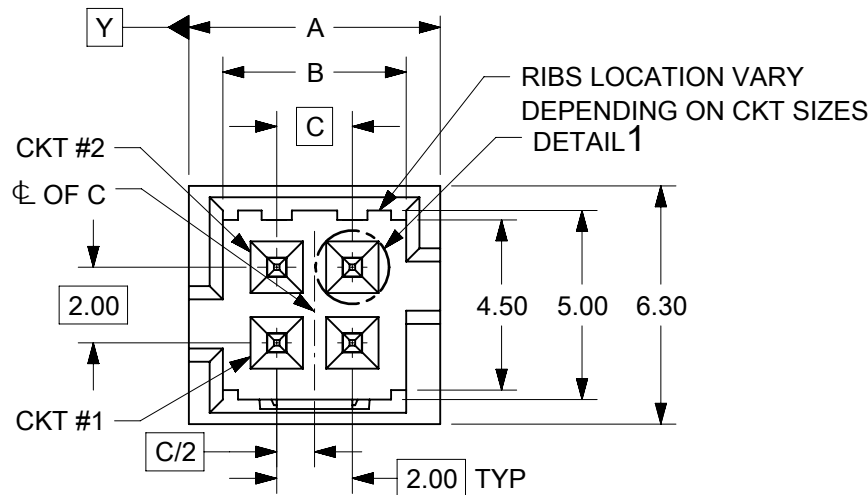
POINT
2.50



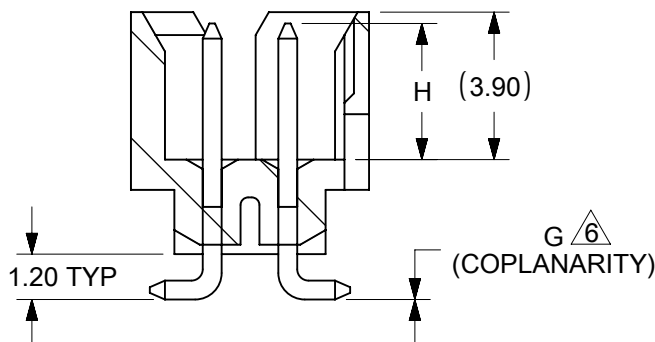
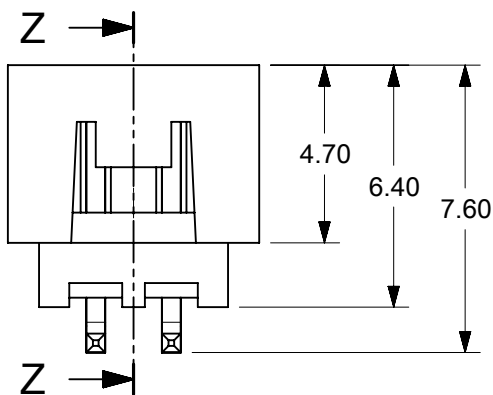
CIRCUIT SIZE	FEATURES					SHEET NO
	FRICTION LOCKS		DUAL SIDE SLOTS	CENTER POLARIZATION	PEGS	
	① DUAL	② CENTER				
4	N.A	N.A	YES	N.A	N.A	2 - 3
	N.A	YES	YES	N.A	N.A	
6	N.A	N.A	YES	N.A	N.A	4 - 5
	N.A	N.A	YES	N.A	YES	
	N.A	N.A	YES	YES	N.A	
	N.A	YES	YES	N.A	N.A	
	N.A	YES	YES	N.A	YES	
8 TO 12	N.A	N.A	YES	YES	YES	6 - 7
	N.A	N.A	YES	YES	N.A	
	N.A	YES	YES	N.A	N.A	
	N.A	YES	YES	N.A	YES	
14 TO 50	YES	N.A	YES	YES	N.A	8 - 11
	YES	N.A	YES	YES	YES	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
EC NO: 787294 DRWN: SUAIFR CHK'D: SUAIFR APPR: MRAMAKRISHNA	2024/05/23 2024/05/24 2024/05/24	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex®				
					MM		NTS						
			MM	INCH	DRWN BY		DATE		MILLIGRID 2MM PITCH, SMT VERTICAL SHROUDED HEADER				
		4 PLACES	±	±	GMENARLY		2015/05/22						
		3 PLACES	±	±	CHK'D BY		DATE						
		2 PLACES	± 0.2	±	CGOH		2015/09/21						
		1 PLACES	±	±	APPR BY		DATE		PRODUCT CUSTOMER DRAWING				
		0 PLACES	±	±	KHLIM		2015/09/22						
		ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES	MATERIAL NUMBER		CUSTOMER	
					A3				87832	SEE TABLE		GENERAL MARKET	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER		
							SD-87832-0001		PSD	001	1 OF 13		

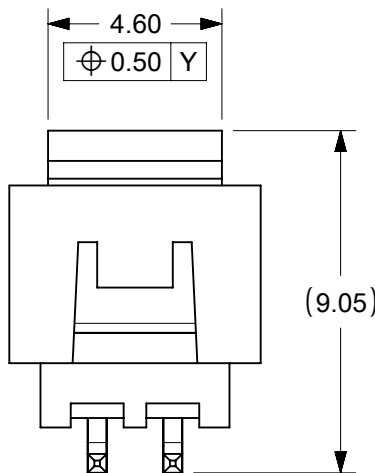
4 CIRCUITS



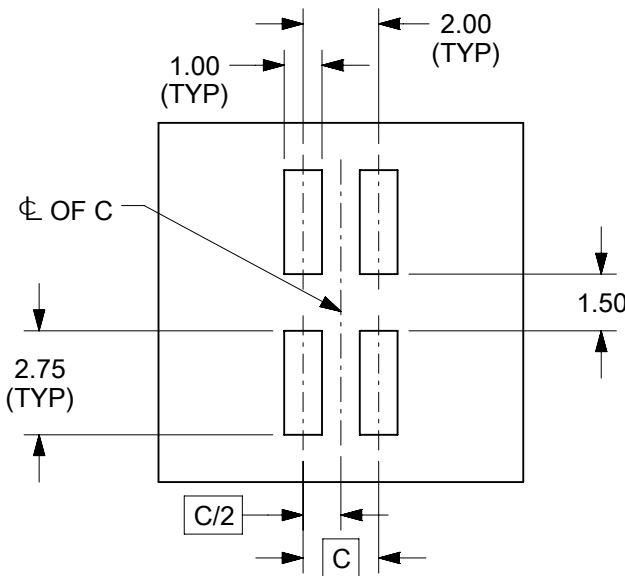
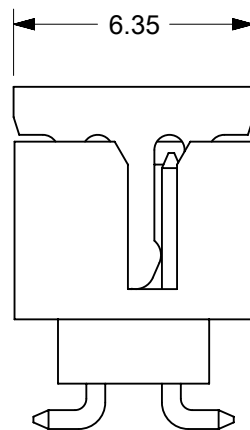
ISO VIEW OF HEADER
WITH ONLY DUAL SLOTS



SECTION Z-Z



VIEW FOR HEADER WITH CAP

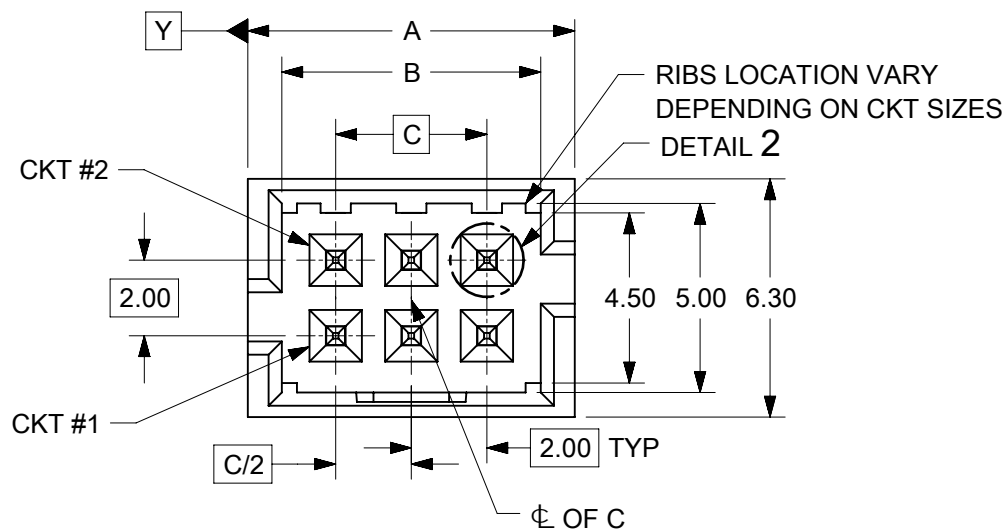


RECOMMENDED PCB LAYOUT

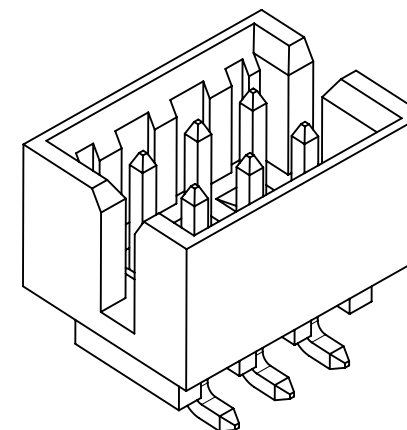
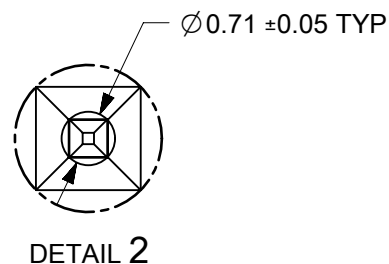
- NOTES:
1. MATERIALS:
HOUSING & CAP: 30% GF, NYLON, UL94V-0, COLOR: BLACK
PIN: 0.50mm SQ. PHOSPHOR BRONZE
 2. FINISHES: REFER TO PLATING OPTIONS
 3. PRODUCT SPECIFICATION: PS-87831-027
 4. PACKAGING SPECIFICATION: SEE PACKAGING SPECS TABLE ON SHEET 12
 5. MATES WITH: A. MOLEX CRIMP RECEPTACLE HOUSING: 51110 SERIES
AND CRIMP TERMINAL: 50394 SERIES
B. MOLEX 2mm MILLIGRID DUAL ROW IDT: 87568 SERIES
C. MOLEX 2mm MILLIGRID DUAL ROW RECEPTACLE:
79107 (GOLD PLATED), 78787 (TIN PLATED)
 6. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE
 7. BEND DEPRESSION ON SMT TAIL IS ACCEPTABLE SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY
 8. 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														
EC NO: 787294 DRWN: SUAIFR CHK'D: SUAIFR REV APPR: MRAMAKRISHNA	2024/05/23 2024/05/24 2024/05/24	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex®					
			MM	INCH	MM		NTS							
		4 PLACES	±	±	DRWN BY		DATE							
							GMENARLY		2015/05/22		MILLIGRID 2MM PITCH, SMT VERTICAL SHROUDED HEADER			
		3 PLACES	±	±	CHK'D BY		DATE							
		2 PLACES	± 0.2	±	CGOH		2015/09/21							
		1 PLACES	±	±	APPR BY		DATE							
		0 PLACES	±	±	KHLIM		2015/09/22							
		ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				87832		SEE TABLE		GENERAL MARKET	
DOCUMENT NUMBER									DOC TYPE		DOC PART		SHEET NUMBER	
SD-87832-0001									PSD		001		2 OF 13	
A24	REV													

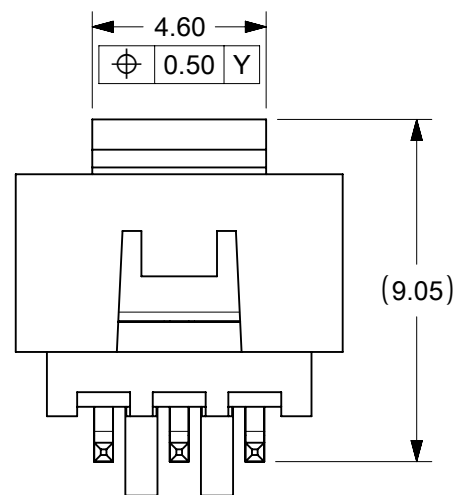
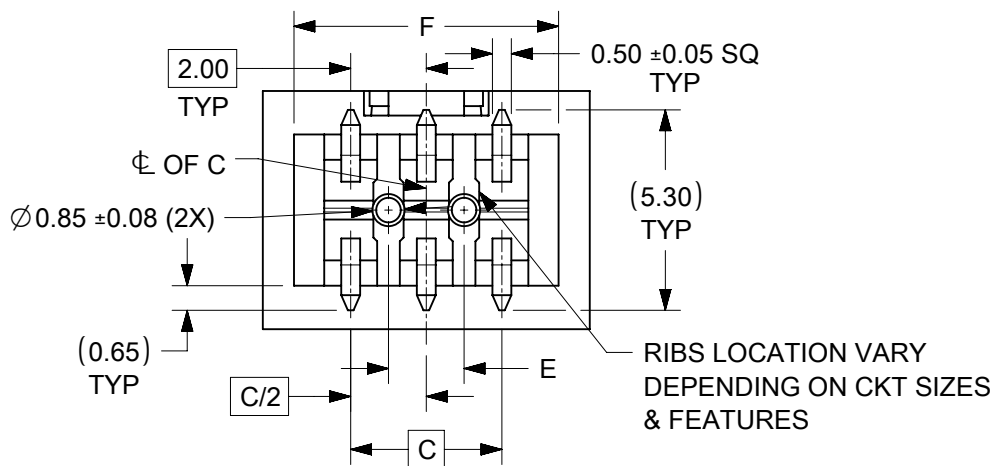
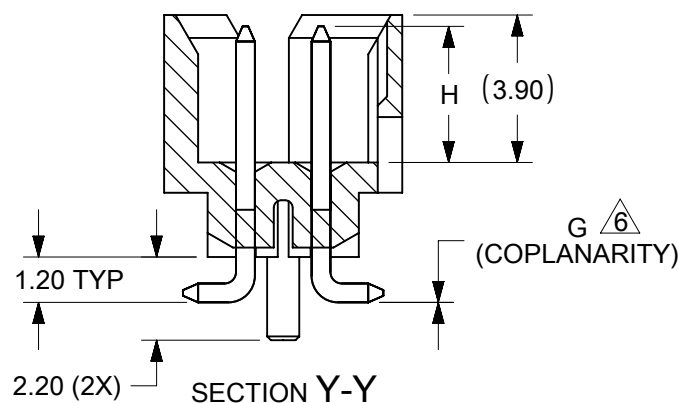
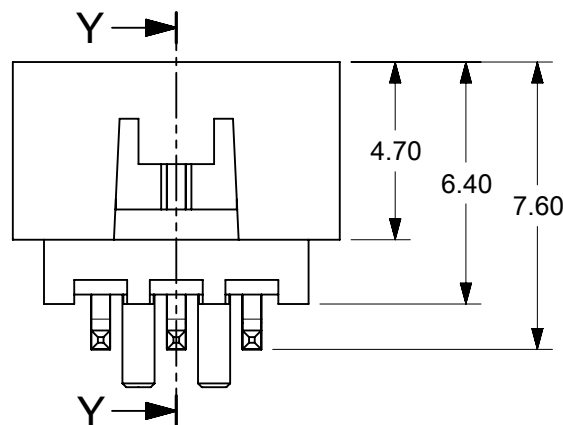
9 8 7 6 5 4 3 2 1



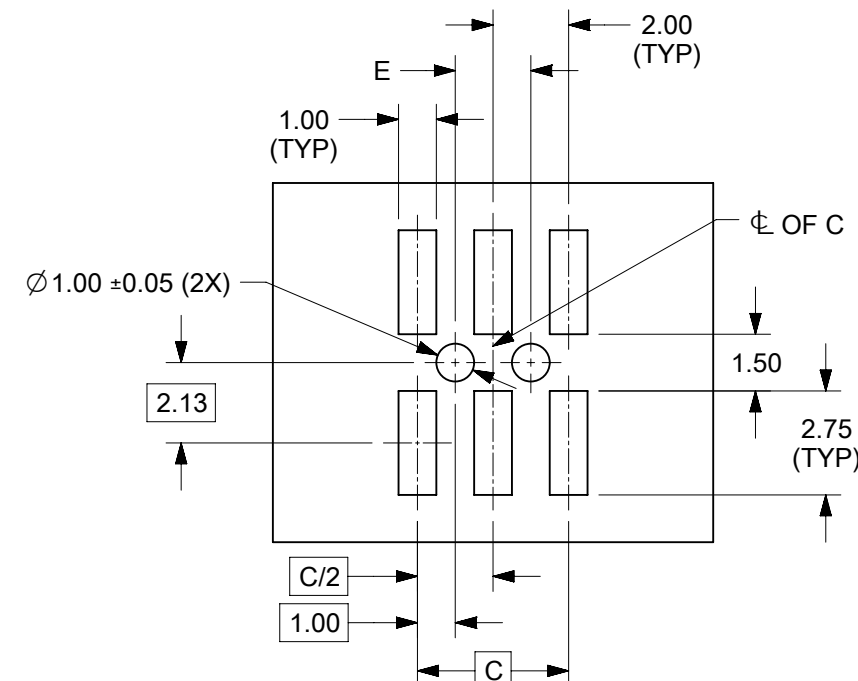
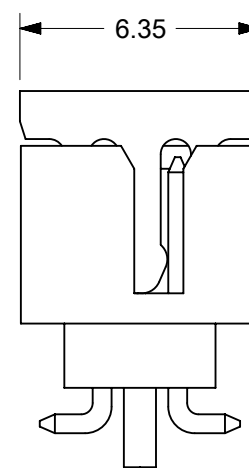
6 CIRCUITS



VIEW FOR HEADER WITH ONLY DUAL SLOTS



VIEW FOR HEADER WITH CAP



RECOMMENDED PCB LAYOUT

NOTES:

1. MATERIALS:
HOUSING & CAP: 30% GF, NYLON, UL94V-0, COLOR: BLACK
PIN: 0.50mm SQ. PHOSPHOR BRONZE
2. FINISHES: REFER TO PLATING OPTIONS
3. PRODUCT SPECIFICATION: PS-87831-027
4. PACKAGING SPECIFICATION: SEE PACKAGING SPECS TABLE ON SHEET 12
5. MATES WITH: A. MOLEX CRIMP RECEPTACLE HOUSING: 51110 SERIES AND CRIMP TERMINAL: 50394 SERIES
B. MOLEX 2mm MILLIGRID DUAL ROW IDT: 87568 SERIES
C. MOLEX 2mm MILLIGRID DUAL ROW RECEPTACLE: 79107 (GOLD PLATED), 78787 (TIN PLATED)
6. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE
7. BEND DEPRESSION ON SMT TAIL IS ACCEPTABLE SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY
8. 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

EC NO: 787294 DRWN: SUAIFR CHK'D: SUAIFR APPR: MRAMAKRISHNA		2024/05/23		GENERAL TOLERANCES (UNLESS SPECIFIED)		2024/05/24		2024/05/24		DIMENSION UNITS		SCALE		molex®			
		MM				INCH		DRWN BY		DATE							
		4 PLACES				±	±	GMENARLY		2015/05/22		MILLIGRID 2MM PITCH, SMT VERTICAL SHROUDED HEADER					
		3 PLACES				±	±	CHK'D BY		DATE							
		2 PLACES				± 0.2	±	CGOH		2015/09/21							
		1 PLACES				±	±	APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
		0 PLACES				±	±	KHLIM		2015/09/22							
		ANGULAR TOL ÷ 3.0				DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3				78732		SEE TABLE		GENERAL MARKET			
										DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
A24		REV						SD-87832-0001		PSD		001		4 OF 13			

9		8		7		6		5		4		3		2		1			
6 CIRCUITS																			
CKT SIZE	ASSY P/N WITHOUT CAP IN TUBE	ASSY P/N WITH CAP IN TUBE	ASSY P/N WITH CAP IN T&R	ASSY P/N WITHOUT CAP IN T&R	T&R OPTIONS (SEE SHEET 12)	PLATING OPTIONS	FRICTION LOCKS		DUAL SIDE SLOTS	CENTER POLARIZATIO N	PEGS	DIMENSION							
							DUAL	CENTER				A	B	C	D	E	F	G (COPLAN)	H
6	87832-0660	87832-0662	87832-5262		1	1	N.A	N.A	YES	N.A	YES	8.65	6.85	4.00	N.A	2.00	7.00	0.10	3.60±0.20
	87832-0620	87832-0622	87832-5222	87832-5230	1	2													
	87832-0621	87832-0623	87832-5223		1	3													
	87832-0670	87832-0672	87832-5272		1	4													
	87832-0612	87832-0616	87832-0614		1	2	N.A	N.A	YES	N.A	N.A							0.10	3.60±0.20
	87832-0613	87832-0617	87832-0615		1	3	N.A	N.A	YES	YES	N.A								
	87832-0624	87832-0626	87832-0628		1	2	N.A	YES	YES	N.A	N.A								
	87832-0625	87832-0627	87832-0629		1	3	N.A	YES	YES	N.A	N.A								
	87832-0610	87832-0608	87832-0606		1	2	N.A	YES	YES	N.A	YES							0.10	3.60±0.20
	87832-0611	87832-0609	87832-0607		1	3													
87832-0604	N.A	N.A		N.A	2	N.A						YES	YES	N.A	YES				

PLATING OPTIONS:
1 - 0.05-0.13µm/2-5µin GOLD IN CONTACT AREA AND
1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER
1.27µm/50µin MIN. NICKEL OVERALL.
2 - 0.38µm/15µin MIN. GOLD IN CONTACT AREA AND
1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER
1.27µm/50µin MIN. NICKEL OVERALL.
3 - 0.76µm/30µin MIN. GOLD IN CONTACT AREA AND
1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER
1.27µm/50µin MIN. NICKEL OVERALL.
4 - 2.50µm/100µin MIN. MATTE TIN OVER 1.25µm/50µin MIN. NICKEL OVERALL.

EC NO: 787294

DRWN: SUAIFR

CHK'D: SUAIFR

REV

2024/05/23

2024/05/24

2024/05/24

A24

GENERAL TOLERANCES
(UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

±

2 PLACES

±

0.2

±

1 PLACES

±

±

0 PLACES

±

±

ANGULAR TOL ± 3.0

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION UNITS

MM

SCALE

NTS

DRWN BY

DATE

GMENARLY

2015/05/22

CHK'D BY

DATE

CGOH

2015/09/21

APPR BY

DATE

KHLIM

2015/09/22

DRAWING SIZE

THIRD ANGLE PROJECTION

A3

SERIES

MATERIAL NUMBER

CUSTOMER

87832

SEE TABLE

GENERAL MARKET

DOCUMENT NUMBER

DOC TYPE

DOC PART

SHEET NUMBER

SD-87832-0001

PSD

001

5 OF 13

RELEASE STATUS

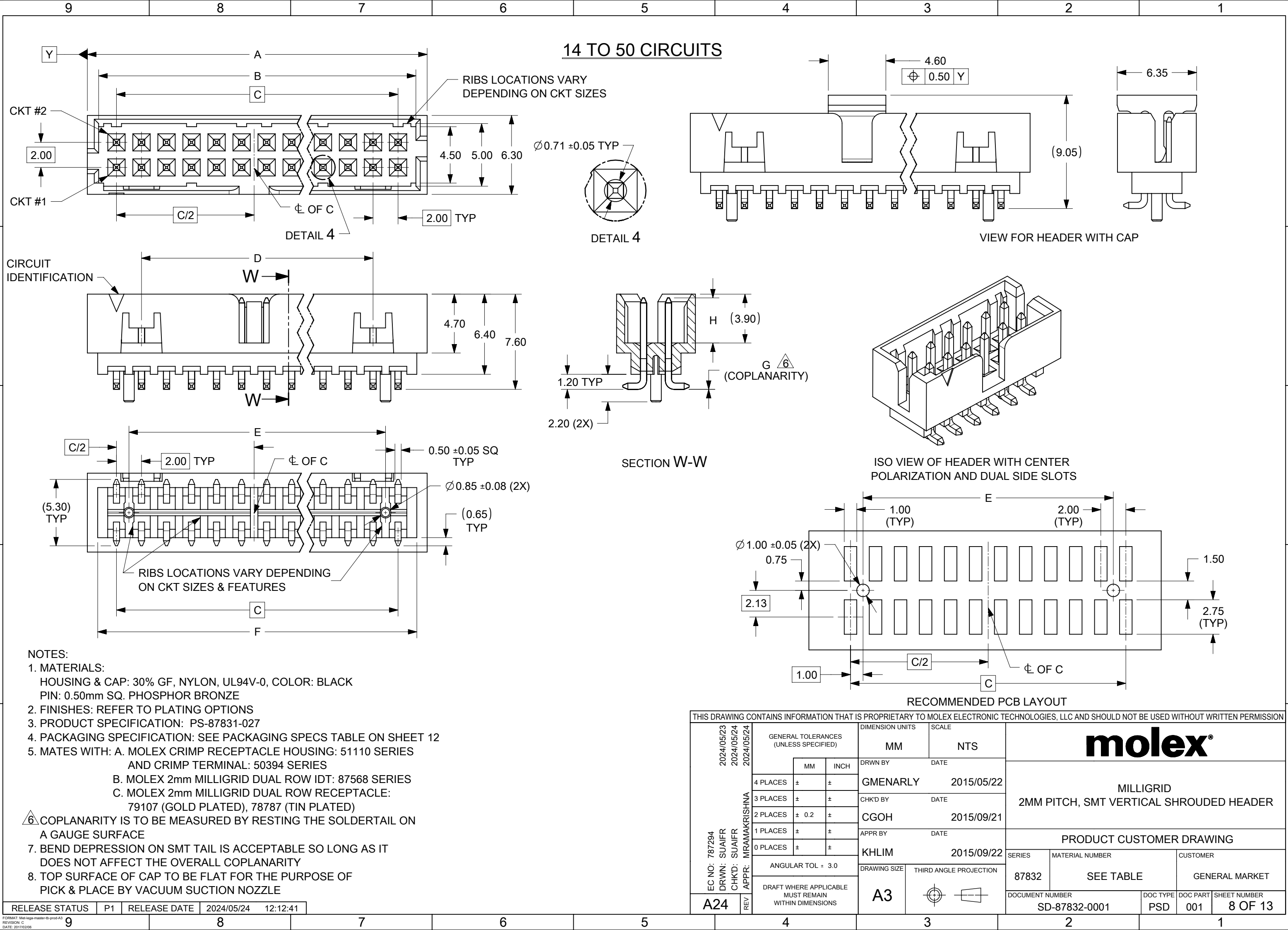
P1

RELEASE DATE

2024/05/24 12:12:41

| 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | |

9				8			7			6			5			4			3			2			1										
8 TO 12 CIRCUITS																																			
CKT SIZE	ASSY P/N WITHOUT CAP IN TUBE	ASSY P/N WITH CAP IN TUBE	ASSY P/N WITH CAP IN T&R	ASSY P/N WITHOUT CAP IN T&R	T&R OPTIONS (SEE SHEET 12)	PLATING OPTIONS	FRICTION LOCKS		DUAL SIDE SLOTS	CENTER POLARIZ ATION	PEGS	DIMENSION																							
							DUAL	CENTER				A	B	C	D	E	F	G (COPLAN)	H																
8	A24	87832-0860	87832-0862	87832-5362		1	1	N.A	N.A	YES	YES	YES	10.65	8.85	6.00	N.A	4.00	9.00	0.10	3.60±0.20															
		87832-0820	87832-0822	87832-5322	87832-5330	1	2																												
		87832-0821	87832-0823	87832-5323		1	3																												
		87832-0870	87832-0872	87832-5372		1	4																												
	87832-0812	87832-0816	87832-0814		1	2	N.A	N.A	YES	YES	N.A	0.10							3.60±0.20																
	87832-0824	87832-0826	87832-0828		1	2	N.A	YES	YES	N.A	N.A																								
	87832-0825	87832-0827	87832-0829		1	3	N.A	YES	YES	N.A	YES									0.10	3.60±0.20														
	87832-0810	87832-0808	87832-0806		1	2																													
	87832-0811	87832-0809	87832-0807		1	3	N.A	YES	YES	N.A	YES	0.10							3.60±0.20																
87832-0804	N.A	N.A		N.A	2	N.A	YES	YES	N.A	YES																									
10	87832-1060	87832-1062	87832-5462		1	1	N.A	N.A	YES	YES	YES	12.65	10.85	8.00	N.A	6.00	11.00	0.10	3.60±0.20																
	87832-1020	87832-1022	87832-5422	87832-5430	1	2																													
	87832-1021	87832-1023	87832-5423		1	3																													
			87832-9423		2																														
	87832-1070	87832-1072	87832-5472		1	4	N.A	N.A	YES	YES	N.A							0.10	3.60±0.20																
	87832-1012	87832-1016	87832-1014		1	2																													
	87832-1019	87832-1045	87832-1035		1	1																													
	87832-1024	87832-1026	87832-1028		1	2	N.A	YES	YES	N.A	N.A									0.10	3.60±0.15														
	N.A	N.A	87832-1055		1	1																													
	87832-1025	87832-1027	87832-1029		1	3	N.A	YES	YES	N.A	YES							0.10	3.60±0.20																
	87832-1010	87832-1008	87832-1006		1	2																													
	87832-1011	87832-1009	87832-1007		1	3																													
87832-1004	N.A	N.A		N.A	2	N.A	YES	YES	N.A	YES	0.10	3.60±0.20																							
12	87832-1260	87832-1262	87832-5562		1	1	N.A	N.A	YES	YES			YES	14.65	12.85	10.00	N.A	8.00	13.00	0.10	3.60±0.20														
	87832-1220	87832-1222	87832-5522		1	2																													
	87832-1221	87832-1223	87832-5523		1	3																													
			87832-9623		2																														
	87832-1270	87832-1272	87832-5572		1	4	N.A	YES	YES	N.A	N.A	0.10	3.60±0.15																						
	87832-1224	87832-1226	87832-1228		1	2																													
	87832-1225	87832-1227	87832-1229		1	3																													
	87832-1210	87832-1208	87832-1206		1	2	N.A	YES	YES	N.A	YES									0.10	3.60±0.20														
	87832-1211	87832-1209	87832-1207		1	3																													
	87832-1204	N.A	N.A		N.A	2	N.A	YES	YES	N.A	YES	0.10	3.60±0.20																						
87832-1212	N.A	N.A		N.A	2	N.A	N.A	YES	YES	N.A																									
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EC NO: 787294 DRWN: SUAIFR CHKD: SUAIFR REV APPR: MRAMAKRISHNA	2024/05/23 2024/05/24 2024/05/24	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex® MILLIGRID 2MM PITCH, SMT VERTICAL SHROUDED HEADER																										
					MM		NTS																												
			MM	INCH	DRWN BY	DATE																													
		4 PLACES	±	±	GMENARLY	2015/05/22																													
		3 PLACES	±	±	CHK'D BY	DATE																													
		2 PLACES	± 0.2	±	CGOH	2015/09/21																													
		1 PLACES	±	±	APPR BY	DATE																													
		0 PLACES	±	±	KHLIM	2015/09/22																													
		ANGULAR TOL = 3.0			DRAWING SIZE	THIRD ANGLE PROJECTION		PRODUCT CUSTOMER DRAWING																											
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3																															
A24		REV								SERIES		MATERIAL NUMBER		CUSTOMER																					
										87832		SEE TABLE		GENERAL MARKET																					
										DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER																			
										SD-87832-0001		PSD		001		7 OF 13																			
RELEASE STATUS		P1	RELEASE DATE		2024/05/24	12:12:41																													
9				8				7				6				5				4				3				2				1			
FORMAT: Met-Iega-master-ib-prod-A3 REVISION: C DATE: 2017/02/06																																			

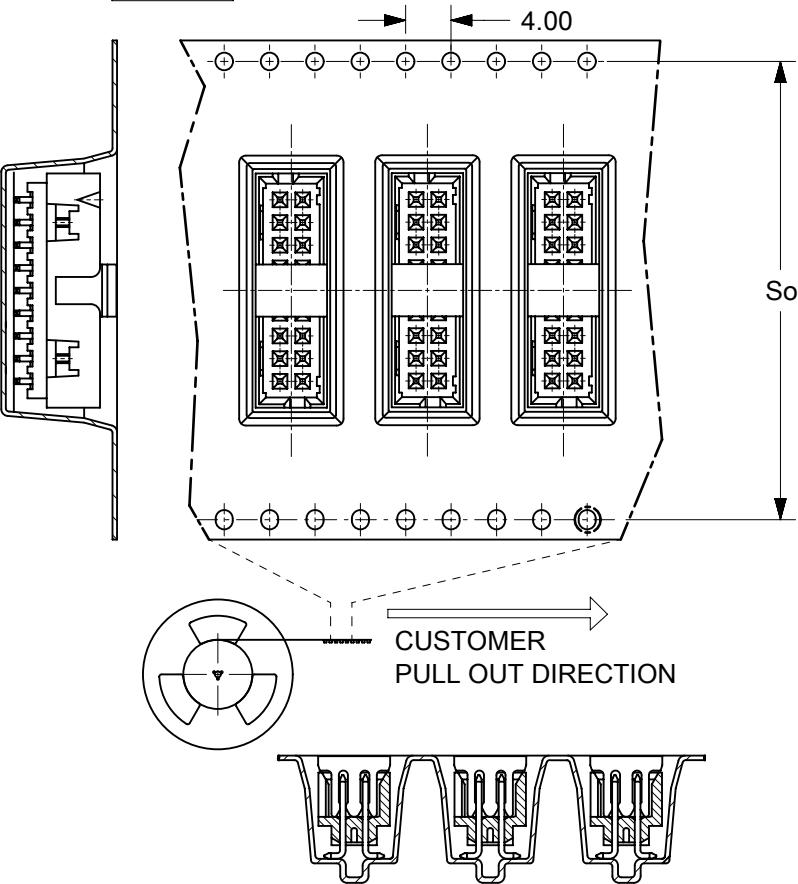


9		8		7		6		5		4		3		2		1										
14 TO 24 CIRCUITS																										
CKT SIZE	ASSY P/N WITHOUT CAP IN TUBE	ASSY P/N WITH CAP IN TUBE	ASSY P/N WITH CAP IN T&R	ASSY P/N WITHOUT CAP IN T&R	T&R OPTIONS (SEE SHEET 12)	PLATING OPTIONS	FRICTION LOCKS		DUAL SIDE SLOTS	CENTER POLARIZA TION	PEGS	DIMENSION								So (T&R)						
							DUAL	CENTER				A	B	C	D	E	F	G (COPLAN)	H							
14	87832-1460	87832-1462	87832-5662		1	1	YES	N.A	YES	YES	YES	16.65	14.85	12.00	8.00	10.00	15.0 0	0.15	3.60±0.20							
	87832-1420	87832-1422	87832-5622	87832-5630	1	2																				
	87832-1421	87832-1423	87832-5623		1	3																				
			87832-9523		2																					
	87832-1470	87832-1472	87832-5672		1	4																				
	87832-1412	87832-1416	87832-1414		1	2														YES	N.A	YES	YES	N.A		
16	87832-1660	87832-1662	87832-5762		1	1	YES	N.A	YES	YES	YES	18.65	16.85	14.00	10.00	12.00	17.0 0	0.15	3.60±0.20							
	87832-1620	87832-1622	87832-5722		1	2																				
	87832-1621	87832-1623	87832-5723		1	3																				
	87832-1670	87832-1672	87832-5772	87832-5730	1	4																				
	87832-1612	87832-1616	87832-1614		1	2														YES	N.A	YES	YES	N.A		
	87832-1619	87832-1645	87832-1635		1	1																				
	18	87832-1860	87832-1862	87832-5862		1	1	YES	N.A	YES	YES	YES	20.65	18.85	16.00	12.00	14.00	19.0 0	0.15	3.60±0.20						
		87832-1820	87832-1822	87832-5822	87832-5830	1	2																			
		87832-1821	87832-1823	87832-5823		1	3																			
		87832-1870	87832-1872	87832-5872		1	4																			
		87832-1812	87832-1816	87832-1814		3	2														YES	N.A	YES	YES	N.A	
		87832-1813	87832-1817	87832-1815		3	3														YES	N.A	YES	YES	N.A	
20	87832-2060	87832-2062	87832-5962		1	1	YES	N.A	YES	YES	YES	22.65	20.85	18.00	14.00	16.00	21.0 0	0.15	3.60±0.20							
	87832-2020	87832-2022	87832-5922	87832-5930	1	2																				
	87832-2021	87832-2023	87832-5923		1	3																				
	87832-2070	87832-2072	87832-5972		1	4																				
			87832-9672		2																					
	87832-2012	87832-2016	87832-2014		1	2														YES	N.A	YES	YES	N.A		
22	87832-2260	87832-2262	87832-6062		1	1	YES	N.A	YES	YES	YES	24.65	22.85	20.00	16.00	18.00	23.0 0	0.15	3.60±0.20							
	87832-2220	87832-2222	87832-6022	87832-6030	1	2																				
	87832-2221	87832-2223	87832-6023	87832-6031	1	3																				
	87832-2270	87832-2272	87832-6072		1	4																				
	24	87832-2460	87832-2462	87832-6162		1														1	YES	N.A	YES	YES	YES	26.65
87832-2420		87832-2422	87832-6122	87832-6130	1	2																				
87832-2421		87832-2423	87832-6123		1	3																				
87832-2470		87832-2472	87832-6172		1	4																				
87832-2412		87832-2416	87832-2414		1	2	YES	N.A	YES	YES	N.A															
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																										
PLATING OPTIONS: 1 - 0.05-0.13µm/2-5µin GOLD IN CONTACT AREA AND 1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL. 2 - 0.38µm/15µin MIN. GOLD IN CONTACT AREA AND 1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL. 3 - 0.76µm/30µin MIN. GOLD IN CONTACT AREA AND 1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL. 4 - 2.50µm/100µin MIN. MATTE TIN OVER 1.25µm/50µin MIN. NICKEL OVERALL.																										
RELEASE STATUS		P1	RELEASE DATE		2024/05/24 12:12:41																					
9		8		7		6		5		4		3		2		1										

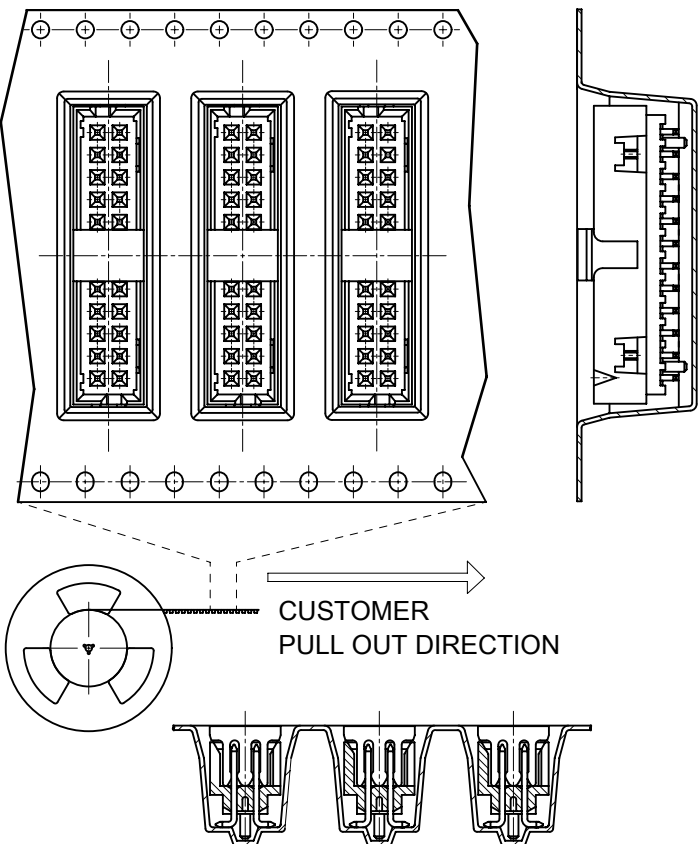
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PACKAGING OPTIONS

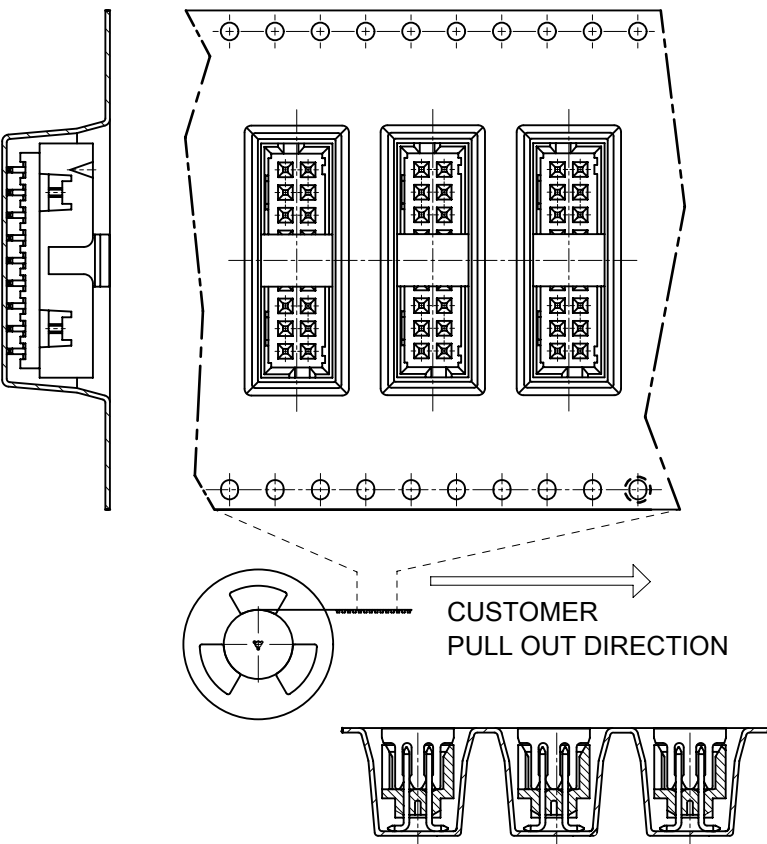
OPTION 1



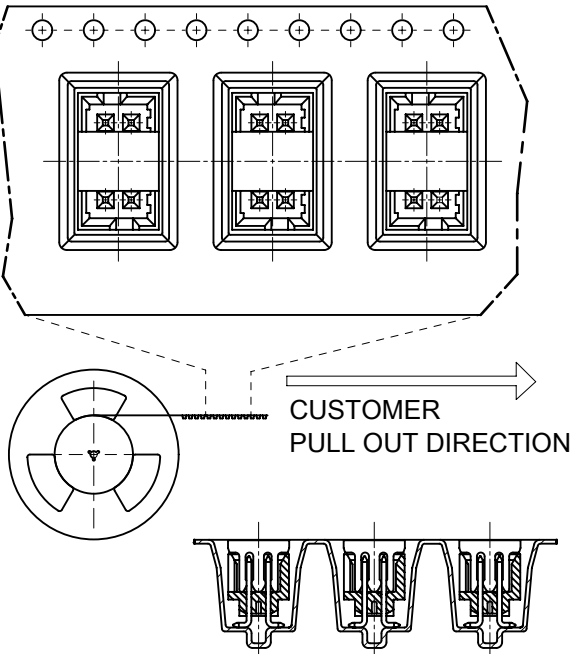
OPTION 2



OPTION 3



VIEW FOR 1 SIDE PILOT HOLE



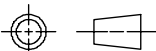
PACKAGING SPECIFICATION TABLE

TAPE AND REEL PACKAGING	PK-87832-300
TUBE STANDARD PACKAGING	PK-87831-001
TUBE NON-STANDARD PACKAGING FOR: 87832-0411 87832-0824 87832-1072 87832-1412	PK-87831-002

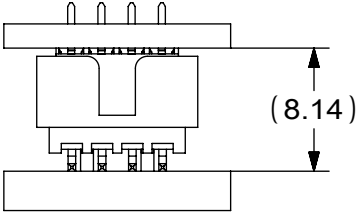
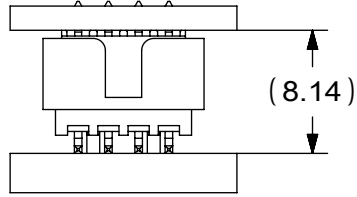
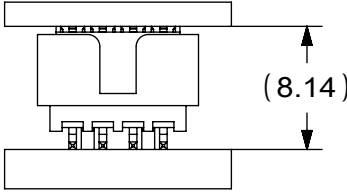
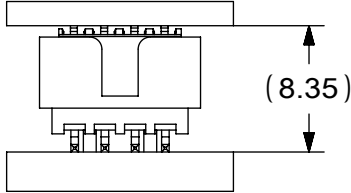
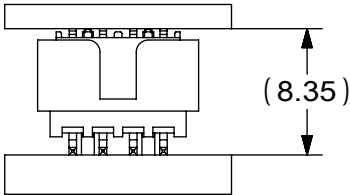
EMBOSSED TAPE & REEL POCKET DESCRIPTIONS

OPTIONS	CENTER POLARIZATION OPTIONS		PEG OPTIONS		PILOT HOLE OPTIONS	
	ON THE LEFT	ON THE RIGHT	WITH PEG	WITHOUT PEG	2 SIDES	1 SIDE
1	YES	N.A	YES	N.A	CKT 12-50	CKT 4-10
2	N.A	YES	YES	YES	CKT 12-50	CKT 4-10
3	YES	N.A	N.A	YES	CKT 12-50	CKT 4-10

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EC NO: 787294 DRWN: SUAIFR CHK'D: SUAIFR REV APPR: MRAMAKRISHNA	2024/05/23	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex®				
	2024/05/24				MM		NTS						
	2024/05/24		MM	INCH	DRWN BY		DATE		MILLIGRID 2MM PITCH, SMT VERTICAL SHROUDED HEADER				
	4 PLACES	±		±	GMENARLY		2015/05/22						
	3 PLACES	±		±	CHK'D BY		DATE						
	2 PLACES	± 0.2		±	CGOH		2015/09/21						
	1 PLACES	±		±	APPR BY		DATE						
	0 PLACES	±		±	KHLIM		2015/09/22		PRODUCT CUSTOMER DRAWING				
	ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES					MATERIAL NUMBER
	A24	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				87832	SEE TABLE		GENERAL MARKET
									DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER
									SD-87832-0001		PSD	001	12 OF 13

BOARD TO BOARD (BTB) DISTANCE

HEADER	MATES WITH (RECEPTACLE)	BTB DIST.	PICTORIAL VIEW
87832	79107	8.14	
	78787	8.14	
	79108	8.14	
	79109	8.35	
	78788	8.35	

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

DIMENSION UNITS		SCALE	
mm		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

CURRENT REV DESC:

EC NO: 787294
DRWN: SUAIFR 2024/05/23
CHK'D: SUAIFR 2024/05/24
APPR: MRAMAKRISHNA 2024/05/24

INITIAL REVISION:
DRWN: DRWN BY XXXX/XX/XX
APPR: APPR BY XXXX/XX/XX

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x

MILLIGRID
2MM PITCH, SMT VERTICAL SHROUDED HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
SD-87832-0001		PSD	001	A24
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
		GENERAL MARKET		13 OF 13

DOCUMENT STATUS	P1	RELEASE DATE	2024/05/24 12:12:41
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FORMAT: Mef-lega-master-ib-prod-A3 REVISION: D DATE: 2018/01/18	9	8	7	6	5	4	3	2	1
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