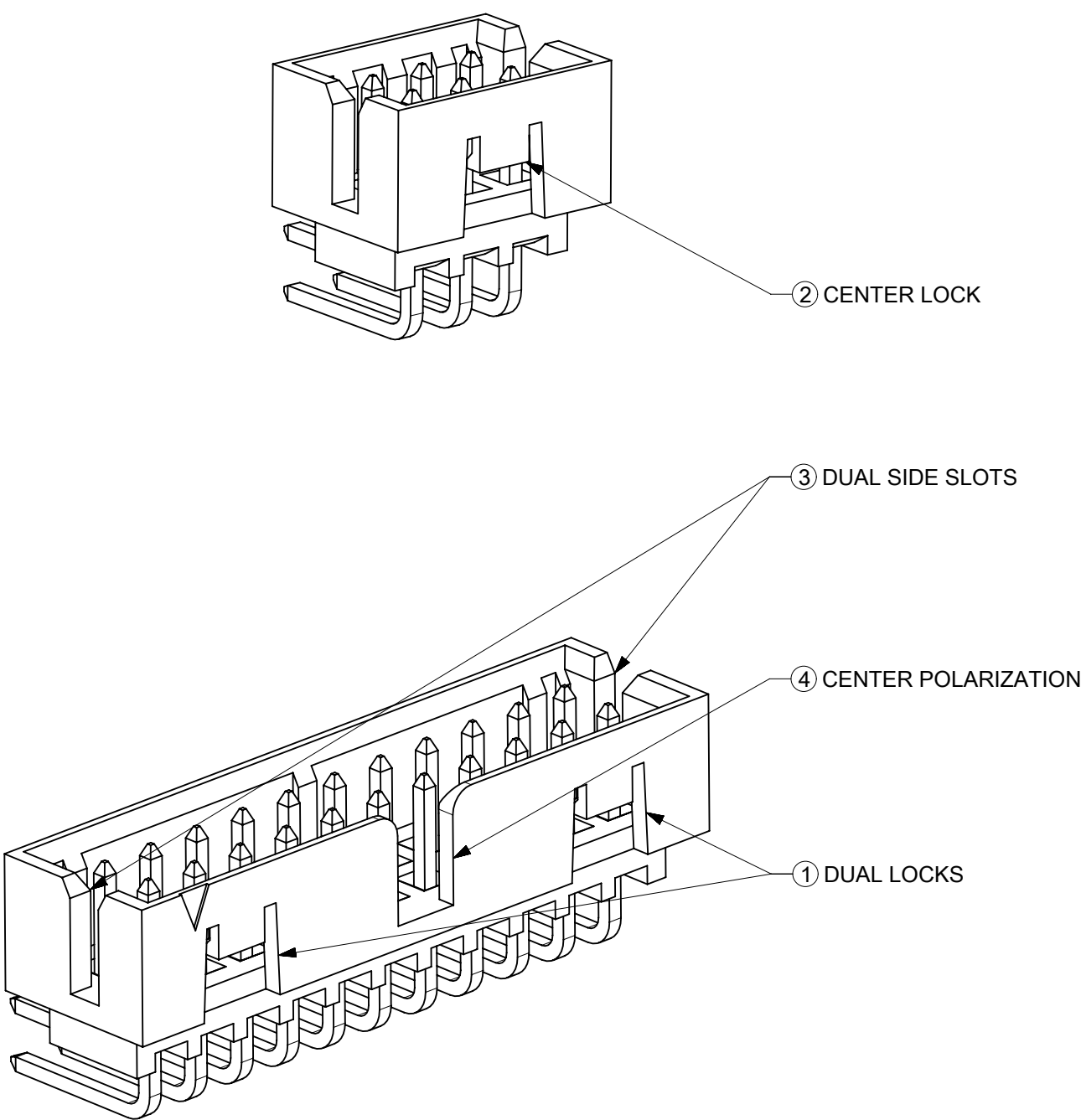


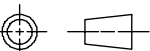
FEATURES SELECTION GUIDE

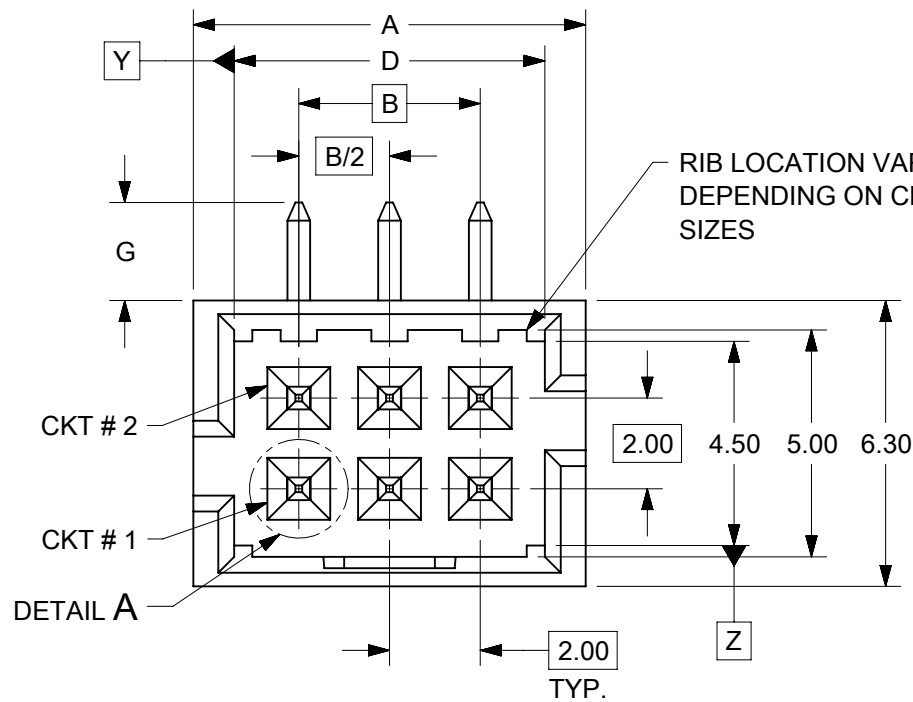


CIRCUIT SIZE	FEATURES				
	FRICTION LOCKS		③ DUAL SIDE SLOTS	④ CENTER POLARIZATION	SHEET NO
	① DUAL	②CENTER			
4 TO 6	N.A	N.A	YES	N.A	2 - 3
	N.A	YES	YES	N.A	
8 TO 12	N.A	N.A	YES	YES	4 - 5
	N.A	YES	YES	N.A	
14 TO 50	YES	N.A	YES	YES	6 - 9
	N.A	N.A	YES	YES	

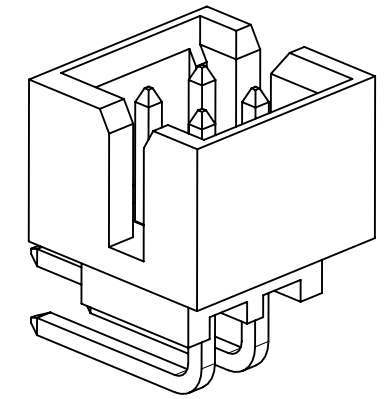
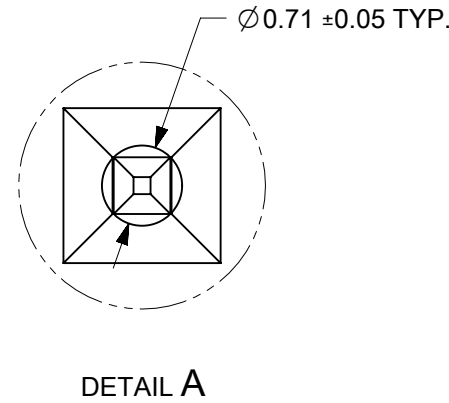
PACKAGING SPECIFICATION TABLE

TAPE AND REEL PACKAGING	PK-87831-300
TUBE STANDARD PACKAGING	PK-87831-001
TUBE NON-STANDARD PACKAGING FOR: 87833-0861 87833-1420	PK-87831-002

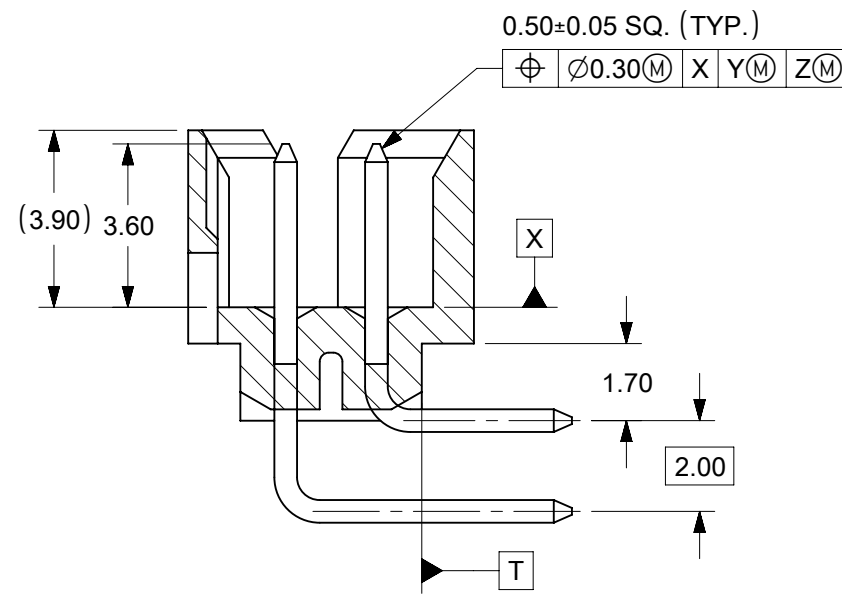
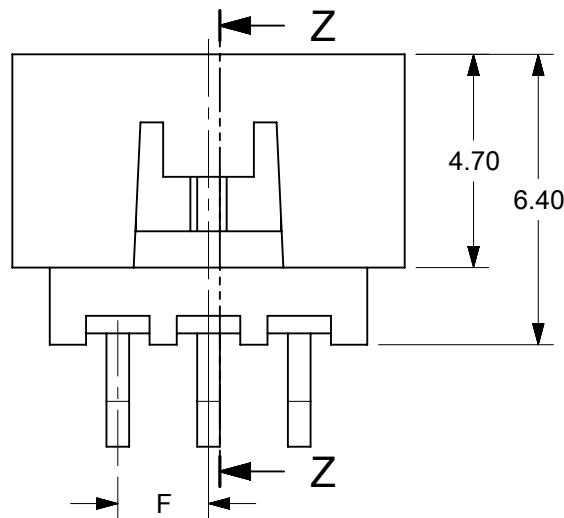
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						
EC NO: 727481 DRWN: DANUSA CHK'D: DANUSA APPR: MIRAMAKRISHNA	2022/11/07 2022/11/07 2022/11/07	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex® MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE													
			MM	INCH	MM		NTS															
		4 PLACES		±	±	GMENARLY		2015/09/29														
		3 PLACES		±	±	CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING												
		2 PLACES		± 0.2	±	CGOH		2015/10/30														
		1 PLACES		±	±	APPR BY		DATE														
		0 PLACES		±	±	KHLIM		2015/11/03		SERIES MATERIAL NUMBER CUSTOMER 87833 SEE TABLE GENERAL MARKET												
		ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION		DOCUMENT NUMBER							DOC TYPE		DOC PART		SHEET NUMBER		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				SD-87833-0001							PSD		001		1 OF 9		
		A14		REV																		



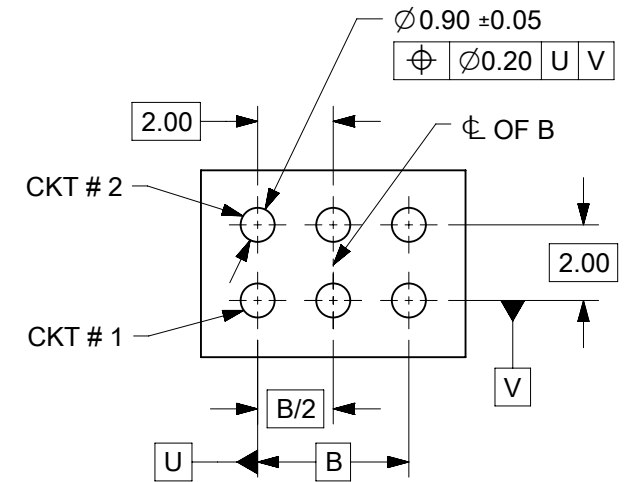
4 TO 6 CIRCUITS



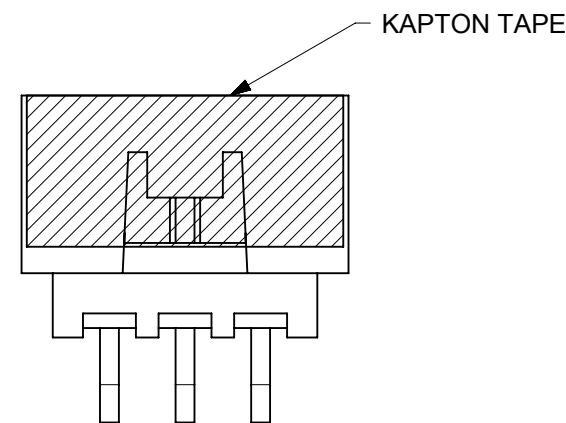
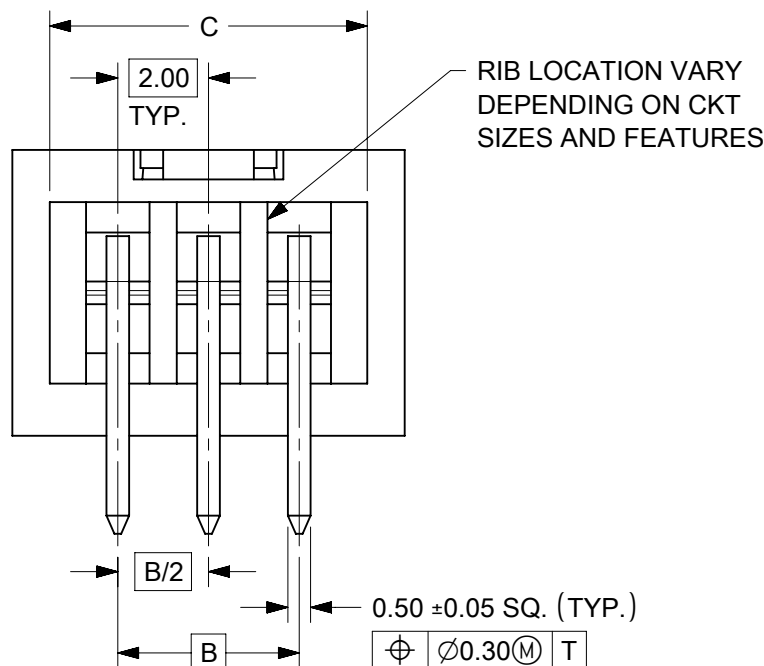
ISO VIEW OF HEADER
DUAL SIDE SLOTS



SECTION Z-Z



RECOMMENDED PCB LAYOUT



NOTES:

1. MATERIALS:
HOUSING: 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 1
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. FOR ILLUSTRATION PURPOSE, 6 CIRCUITS HEADER IS SHOWN.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
EC NO: 727481 DRWN: DANUSA CHK'D: DANUSA REV APPR: MRAMAKRISHNA	2022/11/07	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex®					
	2022/11/07				MM		NTS							
	2022/11/07		MM	INCH	DRWN BY		DATE		MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE					
	4 PLACES	±		±	GMENARLY		2015/09/29							
	3 PLACES	±		±	CHK'D BY		DATE							
	2 PLACES	± 0.2		±	CGOH		2015/10/30							
	1 PLACES	±		±	APPR BY		DATE							
	0 PLACES	±		±	KHLIM		2015/11/03		PRODUCT CUSTOMER DRAWING					
	ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES					MATERIAL NUMBER	
	A14		REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				87833	SEE TABLE		GENERAL MARKET
								DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER		
								SD-87833-0001		PSD	001	2 OF 9		

9		8		7		6		5		4		3		2		1				
4 TO 6 CIRCUITS																				
E	D	C	B	A	G (SOLDER TAIL)	F	E	D	C	B	A	CENTER POLARIZATION	DUAL SIDE SLOTS	FRICITION LOCKS		PLATING OPTIONS	ASSY. P/N WITH KAPTON IN T&R	ASSY. P/N WITH KAPTON IN TUBE	ASSY. P/N WITHOUT KAPTON IN TUBE	CKT SIZE
														DUAL	CENTER					
	4	87833-0419	N.A	N.A	1	N.A	N.A	YES	N.A	6.65	2.00	5.00	4.85	N.A	N.A	2.16				
		87833-0420	N.A	N.A	2															
		87833-0421	N.A	N.A	3															
		87833-5920	N.A	N.A	2	N.A	N.A	YES	N.A						N.A	1.00	3.18			
		87833-0431	87833-0441	87833-0451	2	N.A	YES	YES	N.A											
		87833-0432	N.A	N.A	3	N.A	YES	YES	N.A											
		87833-0461	N.A	N.A	2	N.A	YES	YES	N.A											
	6	87833-0619	N.A	N.A	1	N.A	N.A	YES	N.A	8.65	4.00	7.00	6.85	N.A	N.A	2.16				
87833-0620		N.A	87833-0626	2																
87833-0621		N.A	N.A	3																
87833-6420		N.A	N.A	2	N.A	N.A	YES	N.A	N.A						2.00	3.18				
87833-0631		87833-0641	87833-0651	2	N.A	YES	YES	N.A												
87833-0632		N.A	N.A	3	N.A	YES	YES	N.A												
87833-0661		N.A	N.A	2	N.A	YES	YES	N.A	N.A						2.00	3.18				
87833-0624		N.A	N.A	2	N.A	N.A	YES	N.A												
87833-0625		N.A	N.A	3	N.A	N.A	YES	N.A												

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.

RELEASE STATUS	P1	RELEASE DATE	2022/11/07	17:03:16
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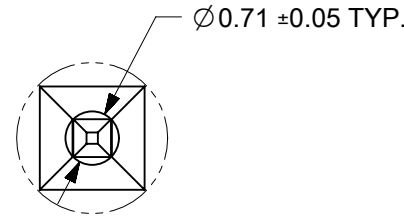
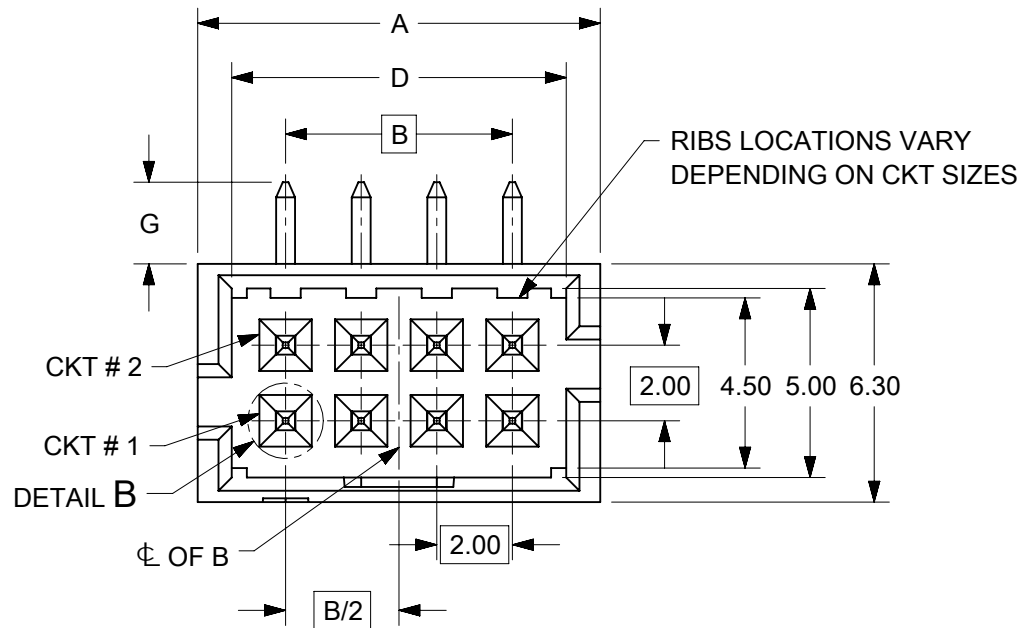
9	8	7	6	5	4	3	2	1
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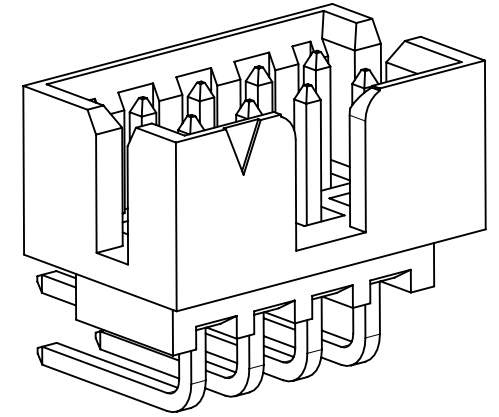
EC NO: 727481 DRWN: DANUSA CHK'D: DANUSA REV APPR: MRAMAKRISHNA	2022/11/07 2022/11/07 2022/11/07	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®					
			MM	INCH	MM	NTS							
		4 PLACES	±	±	DRWN BY		DATE		MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE				
		3 PLACES	±	±	GMENARLY		2015/09/29						
		2 PLACES	± 0.2	±	CHK'D BY		DATE						
		1 PLACES	±	±	CGOH		2015/10/30						
		0 PLACES	±	±	APPR BY		DATE		PRODUCT CUSTOMER DRAWING				
		ANGULAR TOL ± 3.0		KHLIM		2015/11/03							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		87833 SEE TABLE GENERAL MARKET					
				A3									
A14	REV							DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	
								SD-87833-0001		PSD	001	3 OF 9	

9	8	7	6	5	4	3	2	1
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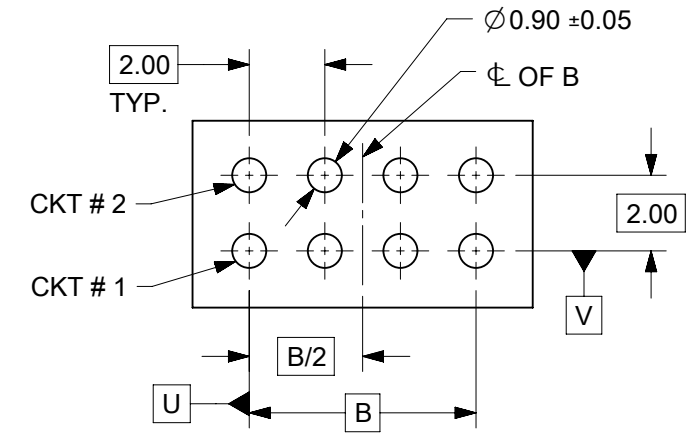
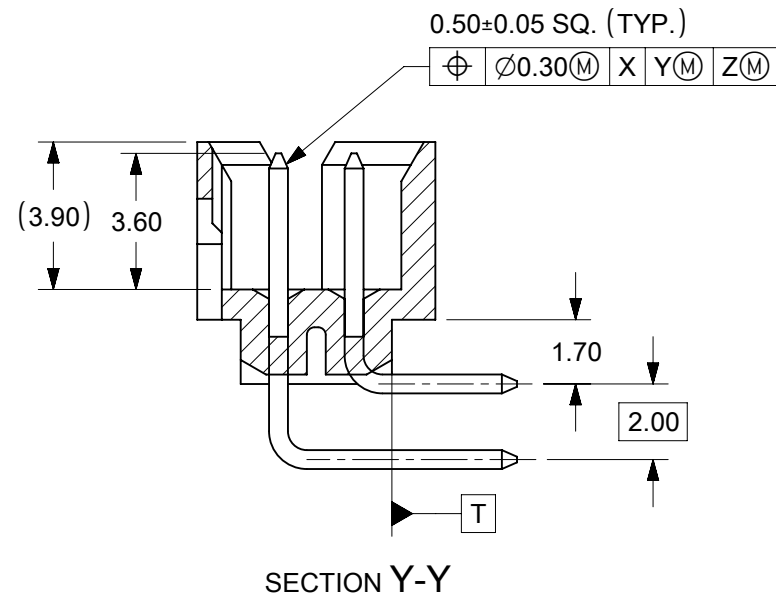
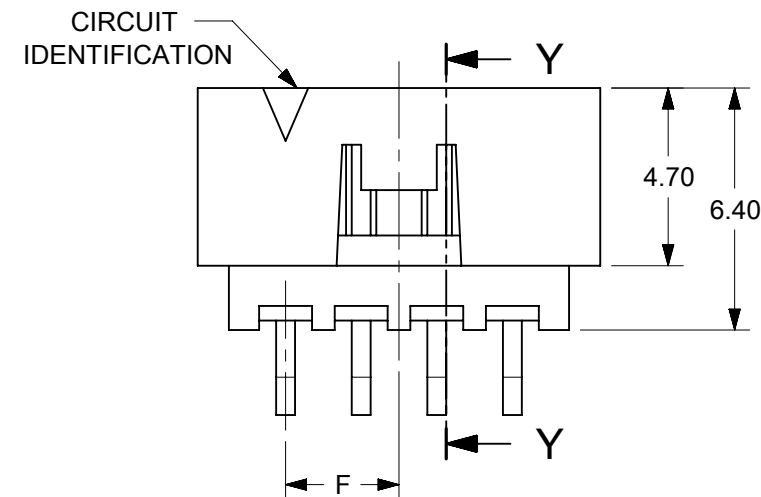
8 TO 12 CIRCUITS



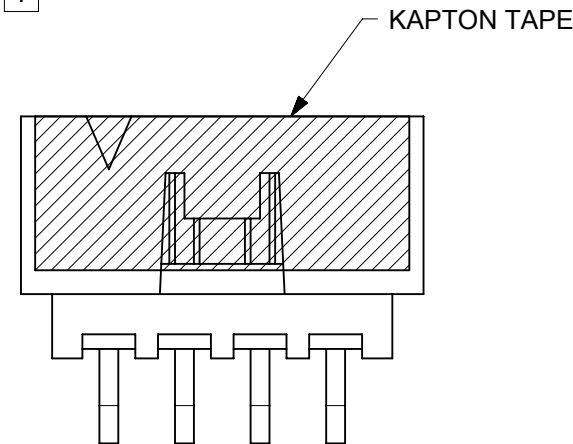
DETAIL B



ISO VIEW OF HEADER WITH CENTER POLARIZATION AND DUAL SIDE SLOTS

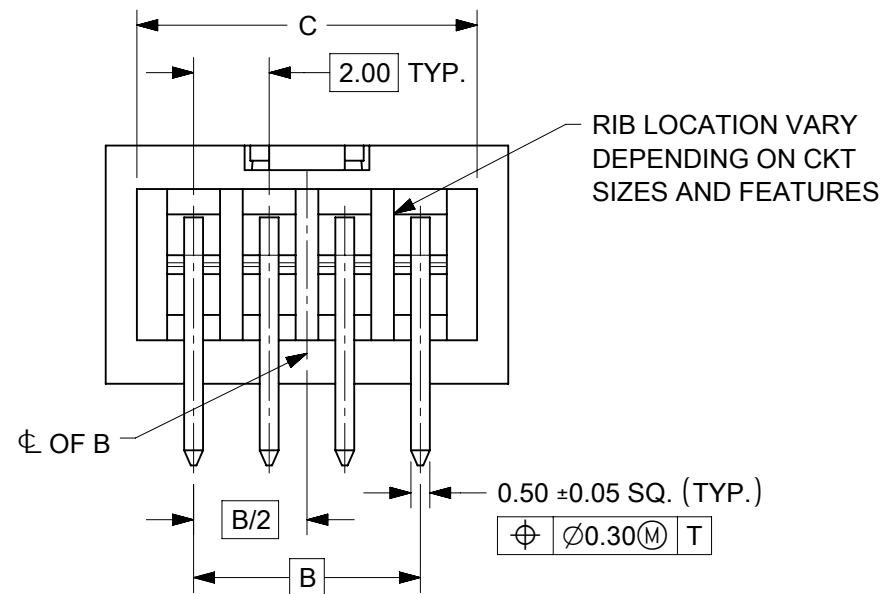


RECOMMENDED PCB LAYOUT



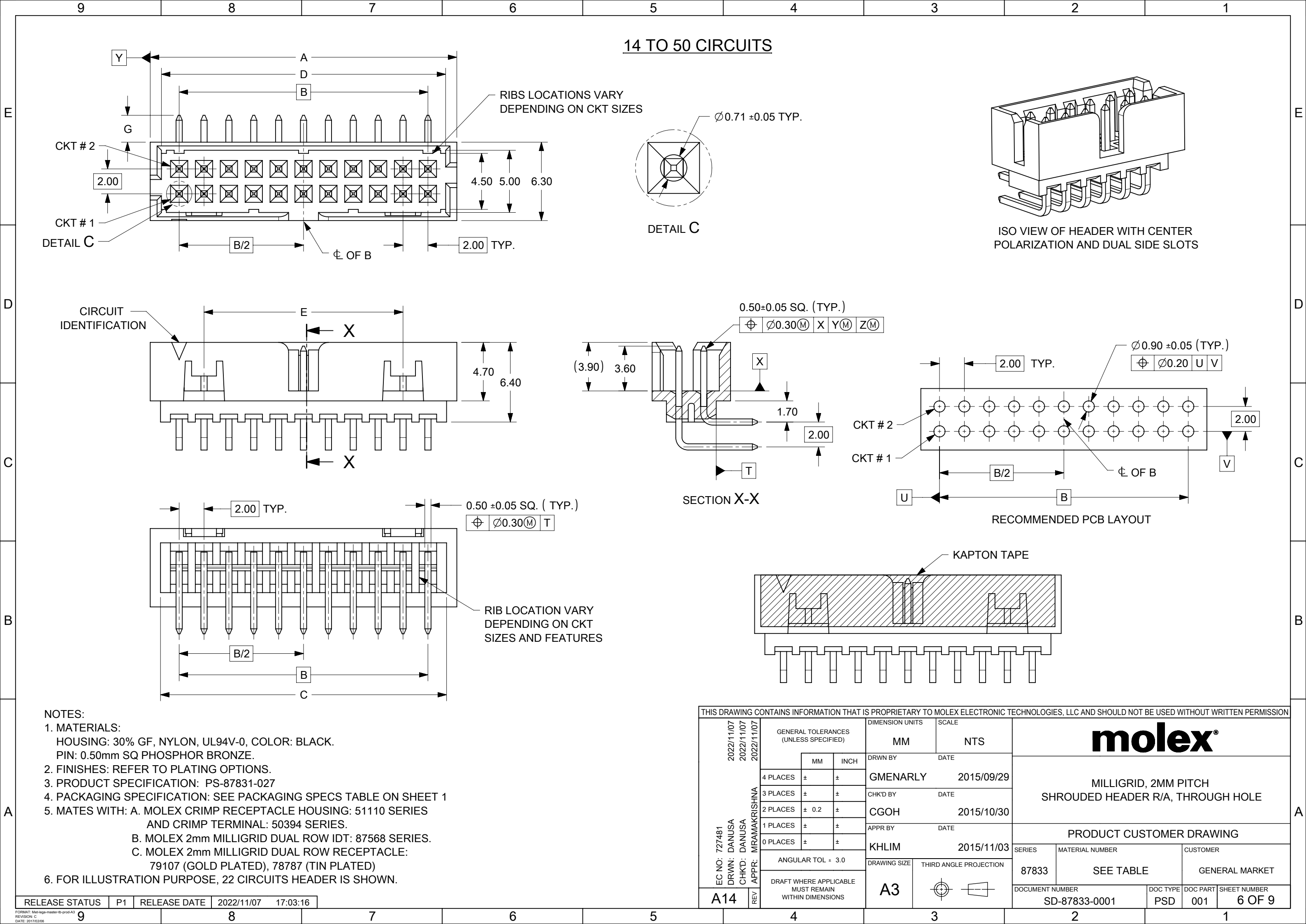
SECTION Y-Y

- NOTES:
1. MATERIALS:
HOUSING: 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 1
 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. FOR ILLUSTRATION PURPOSE, 8 CIRCUIT HEADER IS SHOWN.



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EC NO: 727481 DRWN: DANUSA CHK'D: DANUSA REV / APPR: MRAMAKRISHNA	2022/11/07	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	molex®						
	2022/11/07			MM	NTS							
	2022/11/07		MM	INCH	DRWN BY	DATE			MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE			
	4 PLACES	±	±	GMENARLY	2015/09/29							
	3 PLACES	±	±	CHK'D BY	DATE							
	2 PLACES	± 0.2	±	CGOH	2015/10/30							
	1 PLACES	±	±	APPR BY	DATE							
	0 PLACES	±	±	KHLIM	2015/11/03			PRODUCT CUSTOMER DRAWING				
	ANGULAR TOL ± 3.0			DRAWING SIZE	THIRD ANGLE PROJECTION			SERIES	MATERIAL NUMBER		CUSTOMER	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				87833	SEE TABLE		GENERAL MARKET	
DOCUMENT NUMBER								DOC TYPE	DOC PART	SHEET NUMBER		
A14	REV							SD-87833-0001		PSD	001	4 OF 9



9		8		7		6		5		4		3		2		1		
14 TO 24 CIRCUITS																		
E	CKT SIZE	ASSY. P/N WITHOUT KAPTON IN TUBE	ASSY. P/N WITH KAPTON IN TUBE	ASSY. P/N WITH KAPTON IN T&R	ASSY. P/N WITHOUT KAPTON IN T&R	PLATING OPTIONS	FRICTION LOCKS		DUAL SIDE SLOTS	CENTER POLARI ZATION	DIMENSION							
							DUAL	CENTER			A	B	C	D	E	F	G (SOLDER TAIL)	
	14	87833-1419	N.A	N.A	N.A	1	YES	N.A	YES	YES	16.65	12.00	15.00	14.85	8.00	N.A	2.16	
		87833-1420	N.A	N.A	N.A	2												
		87833-1421	N.A	N.A	N.A	3												
		87833-5320	N.A	N.A	N.A	2	YES	N.A	YES	YES							3.18	
		87833-5321	N.A	N.A	N.A	3												
		87833-1436	N.A	N.A	N.A	3												YES
N.A	N.A	87833-7420	N.A	2	YES	N.A	YES	YES	1.70									
D	16	87833-1619	N.A	N.A	N.A	1	YES	N.A	YES	YES	18.65	14.00	17.00	16.85	10.00	N.A	2.16	
		87833-1620	N.A	N.A	N.A	2											3.18	
		87833-1621	N.A	87833-7821	N.A	3												
		87833-6120	N.A	87833-7120	N.A	2											YES	N.A
C	18	87833-1819	N.A	N.A	N.A	1	YES	N.A	YES	YES	20.65	16.00	19.00	18.85	12.00	N.A	2.16	
		87833-1820	N.A	N.A	N.A	2											3.18	
		87833-1821	N.A	N.A	N.A	3												
		87833-6220	N.A	N.A	N.A	2											YES	N.A
B	20	87833-2019	N.A	N.A	N.A	1	YES	N.A	YES	YES	22.65	18.00	21.00	20.85	14.00	N.A	2.16	
		87833-2020	N.A	87833-7220	N.A	2											3.18	
		87833-2021	N.A	N.A	N.A	3												
		87833-6520	N.A	N.A	N.A	2	YES	N.A	YES	YES							3.50	
		87833-6521	N.A	N.A	(A14) 87833-2037	3												
		87833-2036	N.A	N.A	N.A	3												YES
A	22	87833-2219	N.A	N.A	N.A	1	YES	N.A	YES	YES	24.65	20.00	23.00	22.85	16.00	N.A	2.16	
		87833-2220	N.A	N.A	N.A	2												
		87833-2221	N.A	N.A	N.A	3												
A	24	87833-2419	N.A	N.A	N.A	1	YES	N.A	YES	YES	26.65	22.00	25.00	24.85	18.00	N.A	2.16	
		87833-2420	N.A	87833-7020	N.A	2											2.00	
		87833-2421	N.A	N.A	N.A	3												
		87833-7320	N.A	N.A	N.A	2	YES	N.A	YES	YES							3.50	
		87833-2436	N.A	N.A	N.A	3	YES	N.A	YES	YES							3.27	
		87833-6920	N.A	N.A	N.A	2	YES	N.A	YES	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.																		
RELEASE STATUS		P1	RELEASE DATE		2022/11/07 17:03:16		6		5		4		3		2		1	
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

2022/11/07
2022/11/07
2022/11/07

EC NO: 727481
DRWN: DANUSA
CHK'D: DANUSA
REV APPR: MIRAMAKRISHNA

A14

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

2015/09/29

CHK'D BY

DATE

CGOH

2015/10/30

APPR BY

DATE

KHLIM

2015/11/03

DRAWING SIZE

THIRD ANGLE PROJECTION

A3

SERIES

MATERIAL NUMBER

CUSTOMER

87833

SEE TABLE

GENERAL MARKET

DOCUMENT NUMBER

DOC TYPE

DOC PART

SHEET NUMBER

SD-87833-0001

PSD

001

7 OF 9

9		8		7		6		5		4		3		2		1			
26 TO 38 CIRCUITS																			
E	26	87833-2619		N.A		N.A		1	YES	N.A	YES	YES	DIMENSION						
		87833-2620		N.A		N.A							28.65	24.00	27.00	26.85	20.00	N.A	2.16
		87833-2621		N.A		N.A													
		87833-2636		N.A		N.A													
	28	87833-2819		N.A		N.A		1	YES	N.A	YES	YES	30.65	26.00	29.00	28.85	22.00	N.A	2.16
		87833-2820		N.A		N.A													
		87833-2821		N.A		N.A													
		87833-6620		N.A		N.A													
	30	87833-3019		N.A		N.A		1	YES	N.A	YES	YES	32.65	28.00	31.00	30.85	24.00	N.A	2.16
		87833-3020		N.A		N.A													
		87833-3021		N.A		N.A													
		87833-6720		N.A		N.A		YES	N.A	YES	YES	3.18							
		87833-6721		N.A		N.A													
		87833-3036		N.A		N.A													3.50
	32	87833-3219		N.A		N.A		1	YES	N.A	YES	YES	34.65	30.00	33.00	32.85	26.00	N.A	2.16
		87833-3220		N.A		N.A													
		87833-3221		N.A		N.A													
	34	87833-3419		N.A		N.A		1	YES	N.A	YES	YES	36.65	32.00	35.00	34.85	28.00	N.A	2.16
87833-3420		N.A		N.A															
87833-3421		N.A		N.A															
87833-5420		N.A		N.A		YES	N.A	YES	YES	3.18									
87833-3424		N.A		N.A							YES								YES
36	87833-3619		N.A		N.A		1	YES	N.A	YES	YES	38.65	34.00	37.00	36.85	30.00	N.A	2.16	
	87833-3620		N.A		N.A														
	87833-3621		N.A		N.A														
38	87833-3819		N.A		N.A		1	YES	N.A	YES	YES	40.65	36.00	39.00	38.85	32.00	N.A	2.16	
	87833-3820		N.A		N.A														
	87833-3821		N.A		N.A														
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.																			
RELEASE STATUS		P1	RELEASE DATE		2022/11/07	17:03:16													
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																		
EC NO: 727481 DRWN: DANUSA CHK'D: DANUSA REV APPR: MIRAMAKRISHNA 2022/11/07 2022/11/07 2022/11/07	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex® MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE										
		MM	INCH	MM		NTS												
	4 PLACES	±		±	DRWN BY		DATE		GMENARLY2015/09/29									
	3 PLACES	±		±	CHK'D BY		DATE											
	2 PLACES	±	0.2	±	CGOH		2015/10/30		PRODUCT CUSTOMER DRAWING									
	1 PLACES	±		±	APPR BY		DATE											
	0 PLACES	±		±	KHLIM		2015/11/03		SERIES		MATERIAL NUMBER				CUSTOMER			
	ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION		87833		SEE TABLE				GENERAL MARKET				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				DOCUMENT NUMBER				DOC TYPE		DOC PART		SHEET NUMBER		
	A14		REV						SD-87833-0001				PSD		001		8 OF 9	

FORMAT: Mef-lega-master-ib-prod-A3
REVISION: C
DATE: 2017/02/08

9		8		7		6		5		4		3		2		1	
40 TO 50 CIRCUITS																	
E	CKT SIZE	ASSY. P/N WITHOUT KAPTON IN TUBE	ASSY. P/N WITH KAPTON IN TUBE	ASSY. P/N WITH KAPTON IN T&R	ASSY. P/N WITHOUT KAPTON IN T&R	PLATING OPTIONS	FRICTION LOCKS		DUAL SIDE SLOTS	CENTER POLARIZATI ON	DIMENSION						
							DUAL	CENTER			A	B	C	D	E	F	G (SOLDER TAIL)
	40	87833-4019	N.A	N.A	N.A	1	YES	N.A	YES	YES	42.65	38.00	41.00	40.85	34.00	N.A	2.16
		87833-4020	N.A	N.A	N.A	2											
87833-4021		N.A	N.A	N.A	3												
42	87833-4219	N.A	N.A	N.A	1	YES	N.A	YES	YES	44.65	40.00	43.00	42.85	36.00	N.A	2.16	
	87833-4220	N.A	N.A	N.A	2												
	87833-4221	N.A	N.A	N.A	3												
	87833-4222	N.A	87833-4322	87833-4223	3	YES	N.A	YES	YES							3.50	
44	87833-4419	N.A	N.A	N.A	1	44.65	40.00	43.00	42.85	2.16	42.00	45.00	44.85	38.00	N.A	2.16	
	87833-4420	N.A	N.A	N.A	2												
	87833-4421	N.A	N.A	N.A	3												
	87833-4424	N.A	N.A	N.A	2												
	87833-4425	N.A	N.A	N.A	3	N.A	N.A	YES	YES							2.92	
46	87833-4619	N.A	N.A	N.A	1	YES	N.A	YES	YES	48.65	44.00	47.00	46.85	40.00	N.A	2.16	
	87833-4620	N.A	N.A	N.A	2												
	87833-4621	N.A	N.A	N.A	3												
48	87833-4819	N.A	N.A	N.A	1	YES	N.A	YES	YES	50.65	46.00	49.00	48.85	42.00	N.A	2.16	
	87833-4820	N.A	N.A	N.A	2												
	87833-4821	N.A	N.A	N.A	3												
50	87833-5019	N.A	N.A	N.A	1	YES	N.A	YES	YES	52.65	48.00	51.00	50.85	44.00	N.A	2.16	
	87833-5020	N.A	N.A	N.A	2												
	87833-5021	N.A	N.A	N.A	3												
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.																	
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EC NO: 727481
DRWN: DANUSA
CHK'D: DANUSA
REV APPR: MIRAMAKRISHNA

2022/11/07
2022/11/07
2022/11/07

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

2015/09/29

CHK'D BY

DATE

CGOH

2015/10/30

APPR BY

DATE

KHLIM

2015/11/03

DRAWING SIZE

A3

THIRD ANGLE PROJECTION

molex®

MILLIGRID, 2MM PITCH
SHROUDED HEADER R/A, THROUGH HOLE

PRODUCT CUSTOMER DRAWING

SERIES

87833

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

DOCUMENT NUMBER

SD-87833-0001

DOC TYPE

PSD

DOC PART

001

SHEET NUMBER

9 OF 9