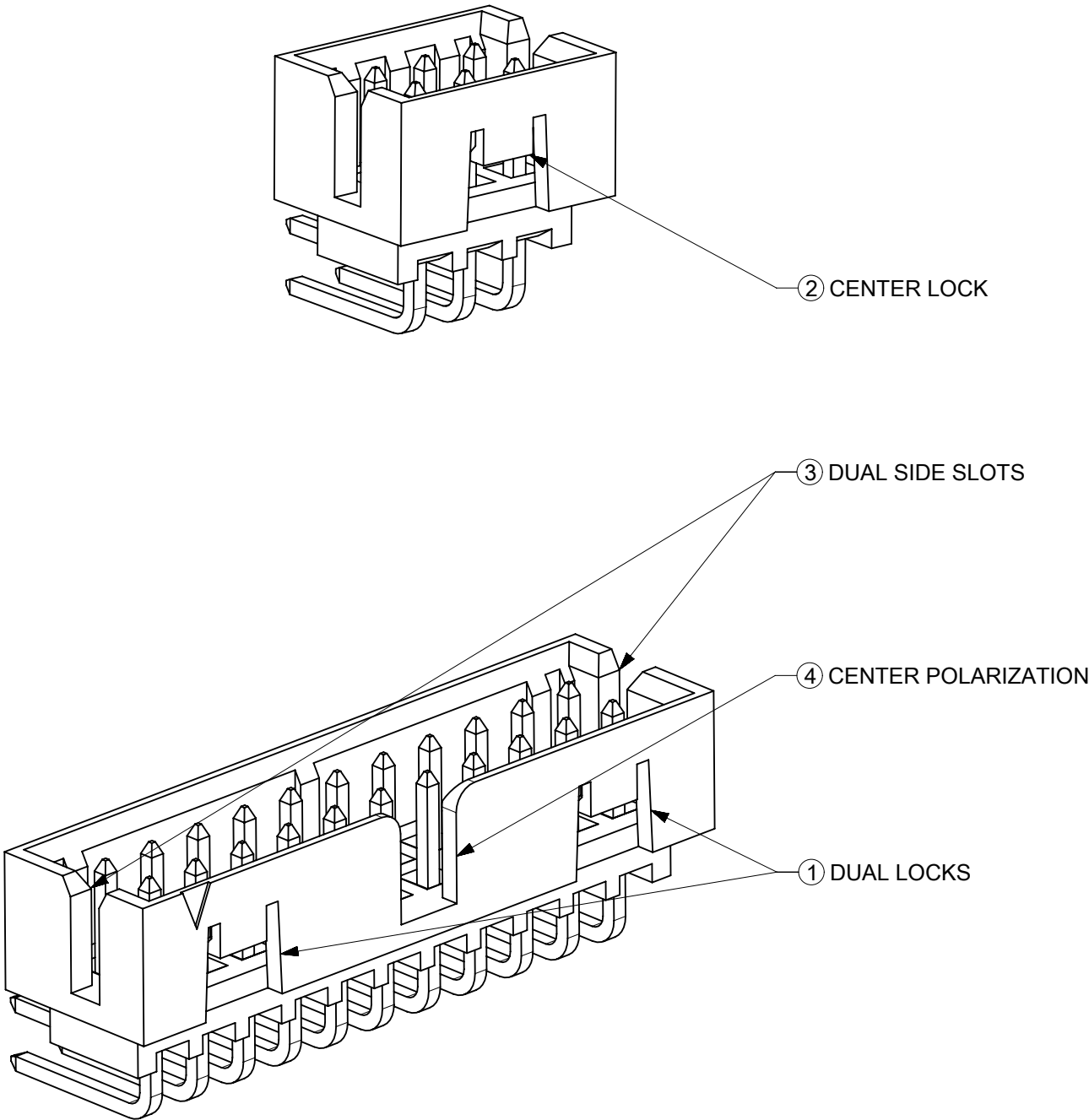


FEATURES SELECTION GUIDE



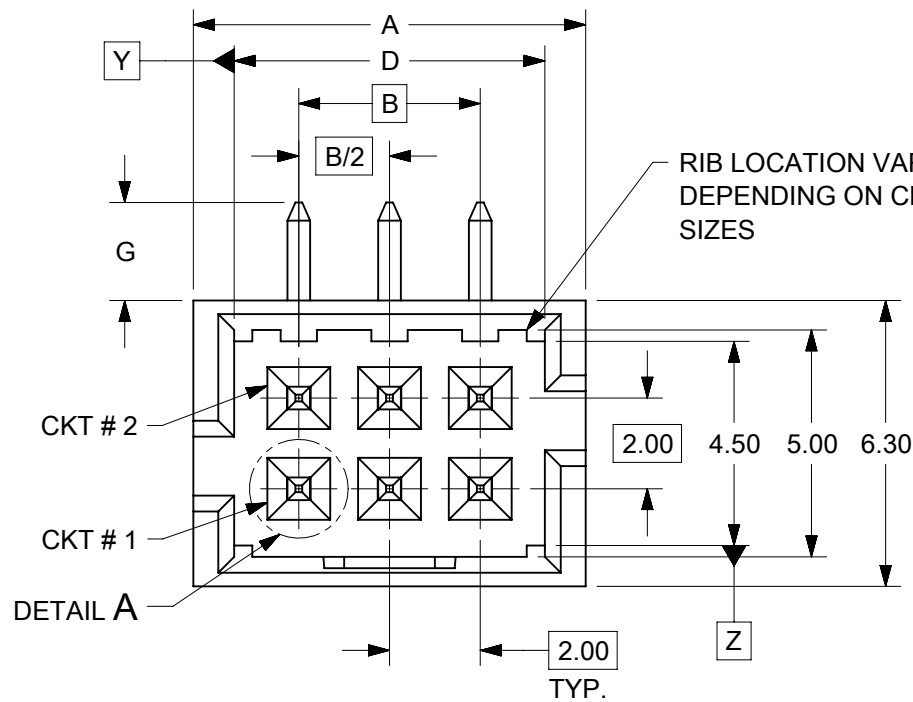
CIRCUIT SIZE	FEATURES				
	FRICTION LOCKS		③ DUAL SIDE SLOTS	④ CENTER POLARIZATION	SHEET NO
	① DUAL	②CENTER			
4 TO 6	N.A	N.A	YES	N.A	2 - 3
	N.A	YES	YES	N.A	
8 TO 12	N.A	N.A	YES	YES	4 - 5
	N.A	YES	YES	N.A	
14 TO 50	YES	N.A	YES	YES	6 - 9
	N.A	N.A	YES	YES	

PACKAGING SPECIFICATION TABLE

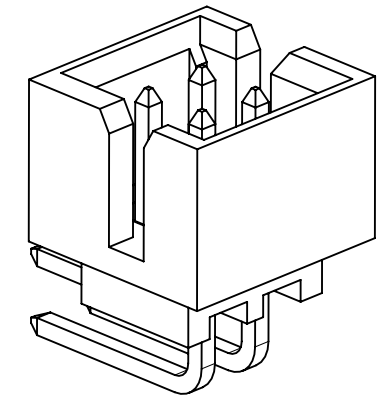
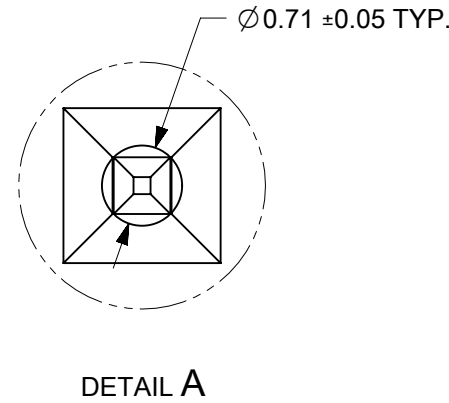
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TUBE STANDARD PACKAGING	PK-87831-001
TUBE NON-STANDARD PACKAGING FOR: 87833-0861 87833-1420	PK-87831-002

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
EC NO: 718010 DRWN: DANUSA CHK'D: DANUSA APPR: MRAMAKRISHNA	2022/08/26 2022/09/19 2022/09/19	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									
		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		SERIES								MATERIAL NUMBER	
		A13		REV	A3				87833		SEE TABLE		GENERAL MARKET		DOCUMENT NUMBER		DOC TYPE
									SD-87833-0001		PSD	001	1 OF 9				

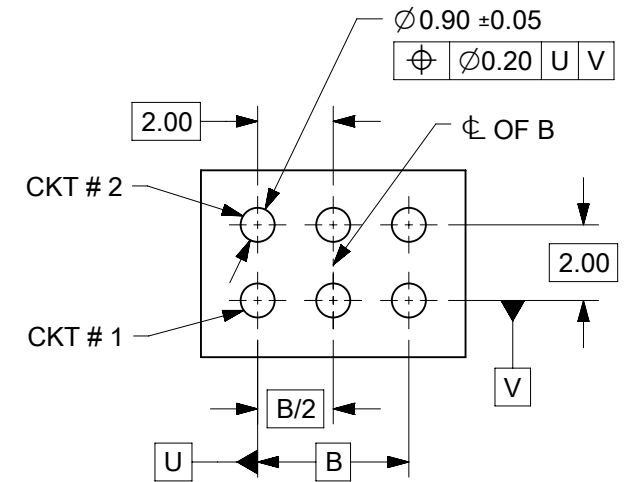
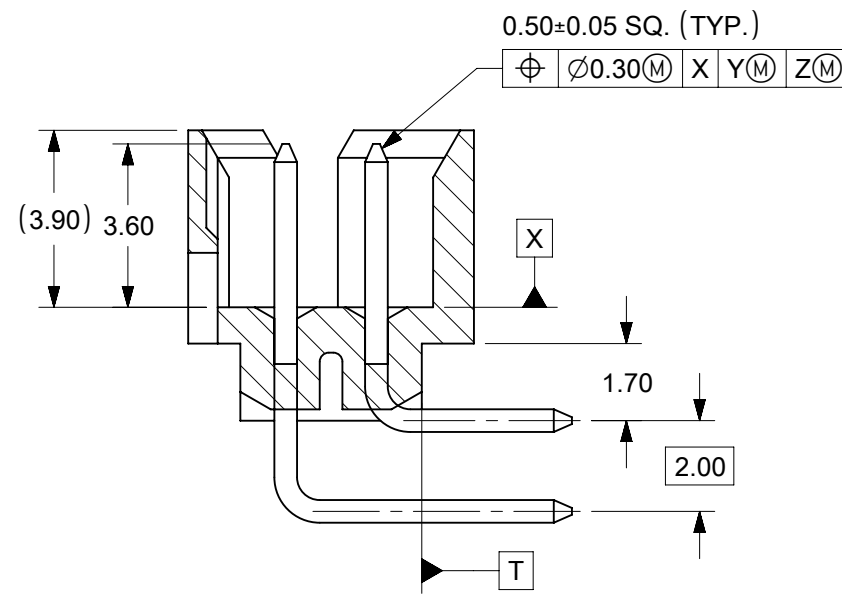
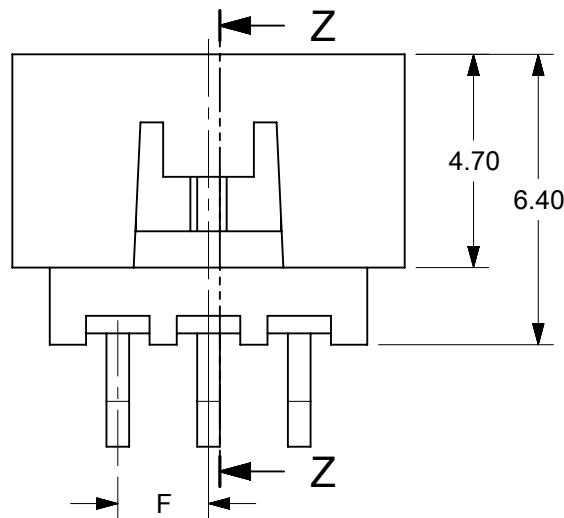
RELEASE STATUS	P1	RELEASE DATE	2022/09/19	07:59:04
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4 TO 6 CIRCUITS



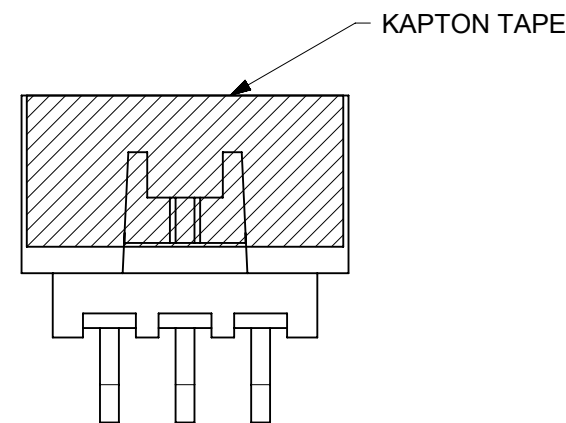
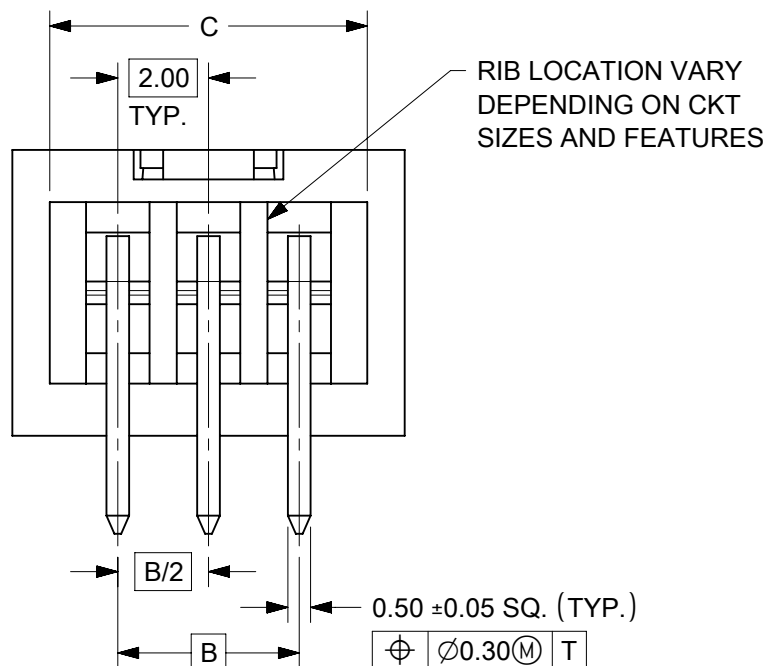
ISO VIEW OF HEADER
DUAL SIDE SLOTS



RECOMMENDED PCB LAYOUT

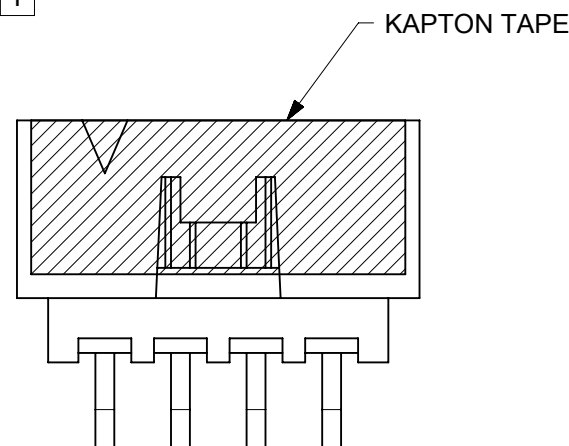
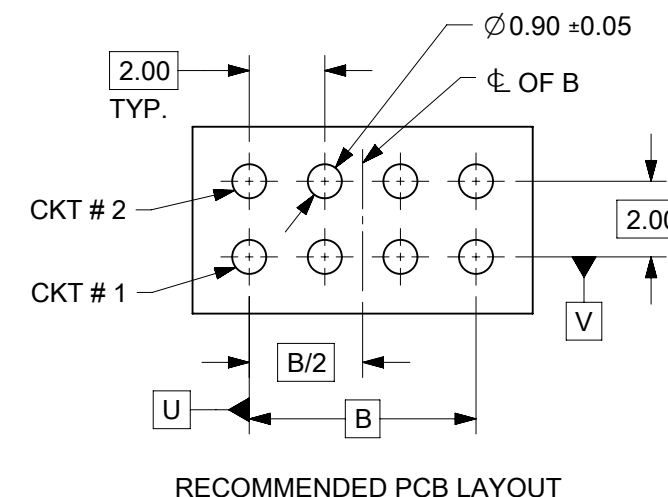
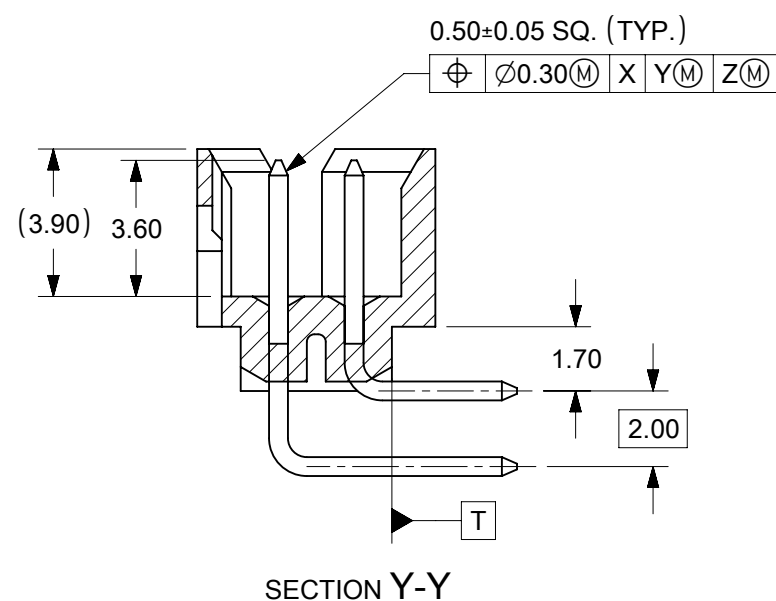
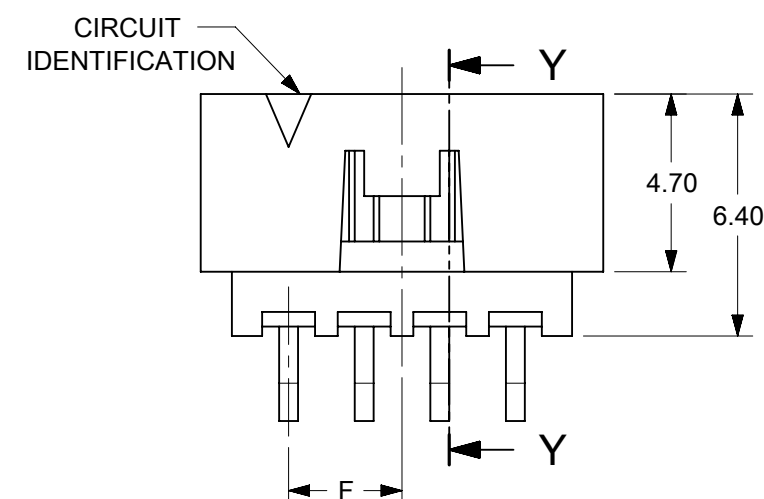
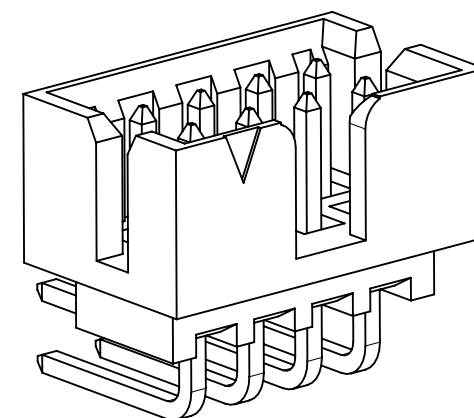
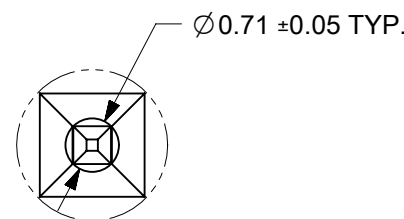
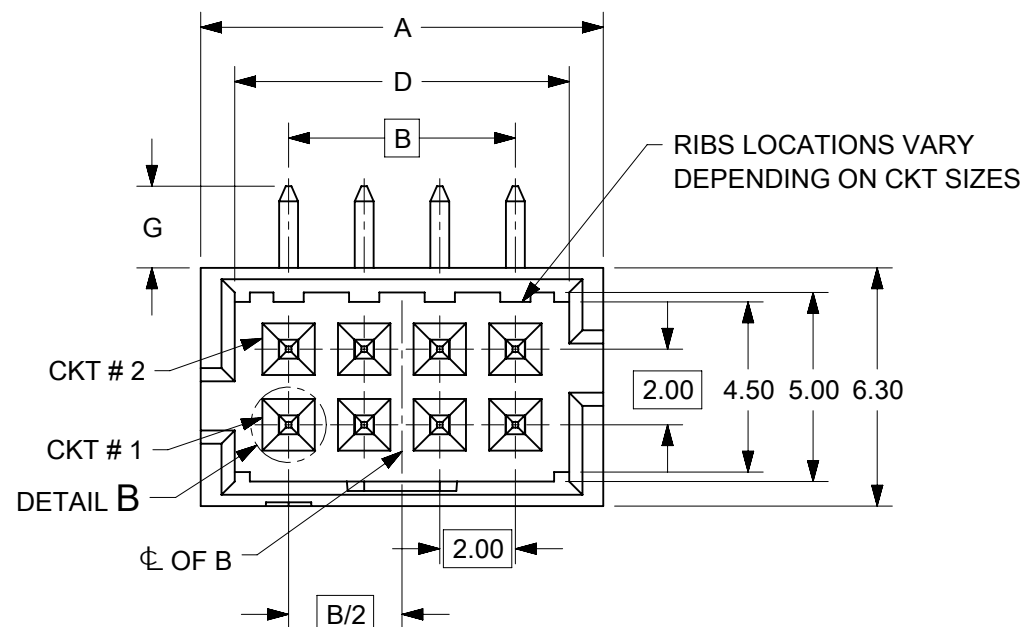
NOTES:

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.

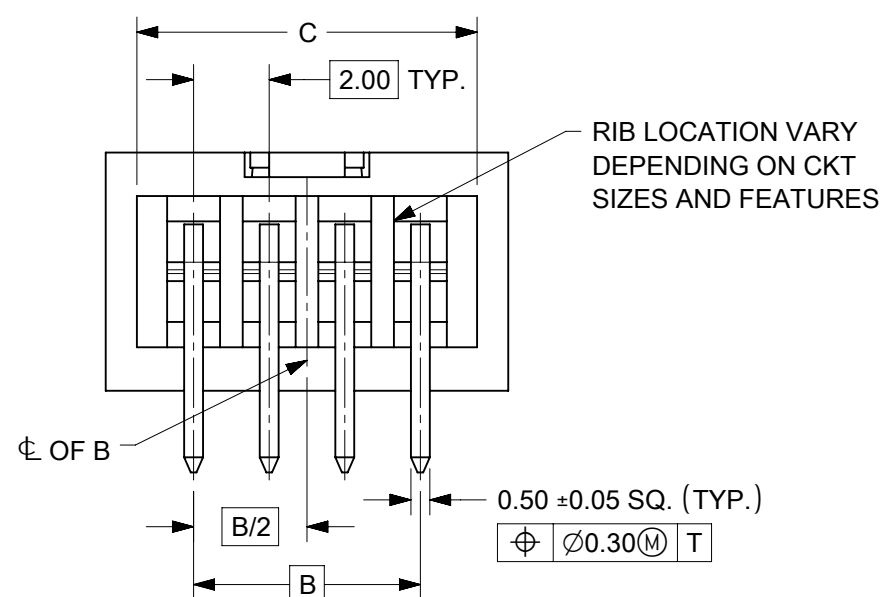


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EC NO: 718010 DRWN: DANUSA CHK'D: DANUSA REV APPR: MRAMAKRISHNA	2022/08/26 2022/09/19 2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex®				
					MM		NTS						
			MM	INCH	DRWN BY		DATE		MILLIGRID, 2MM PITCH SHROUDED HEADER 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
	A13	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

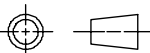
8 TO 12 CIRCUITS



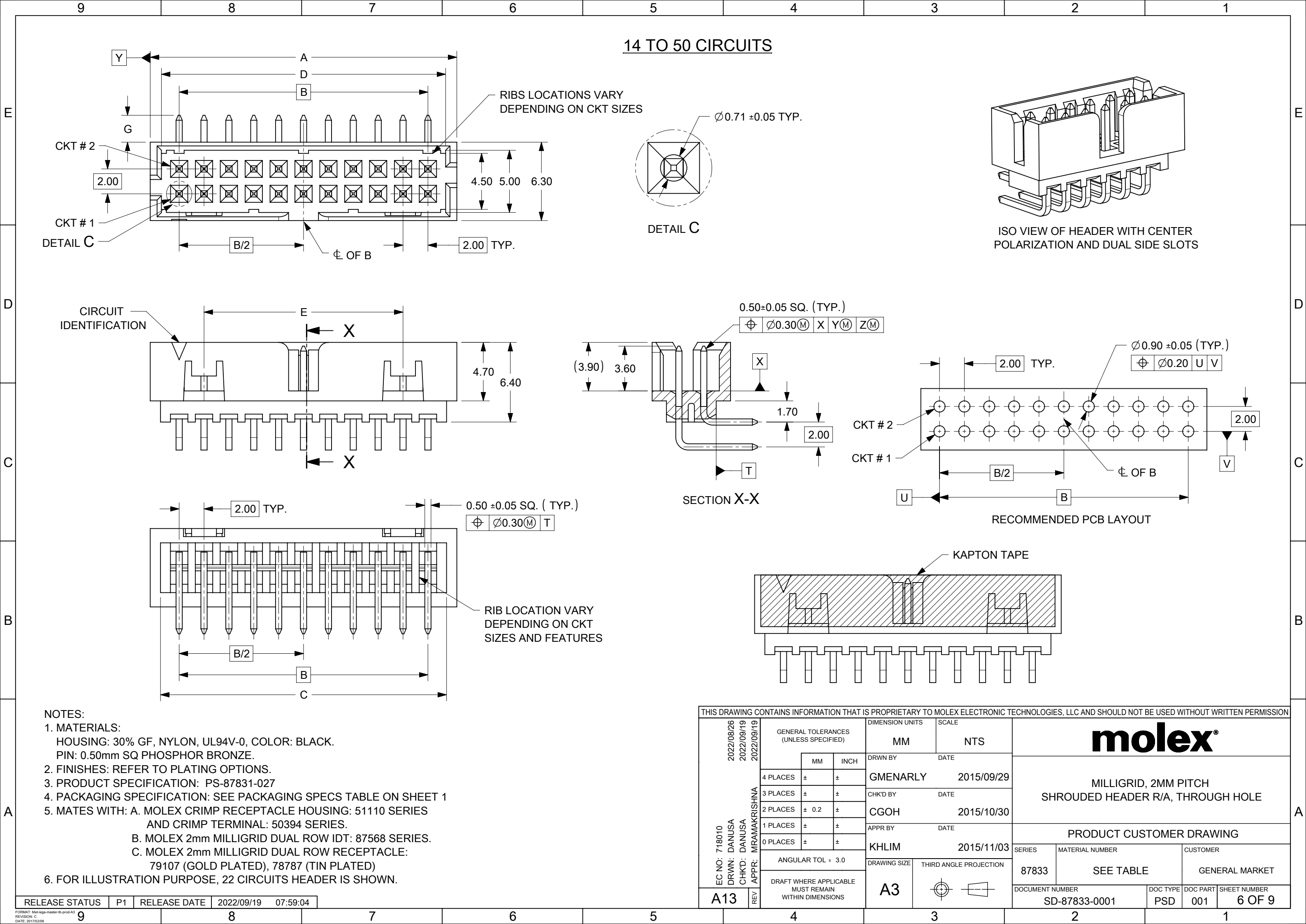
- NOTES:
- MATERIALS:
HOUSING: 30% GF, NYLON, UL94V-0, COLOR: BLACK
PIN: 0.50mm SQ. PHOSPHOR BRONZE.
 - FINISHES: REFER TO PLATING OPTIONS.
 - PRODUCT SPECIFICATION: PS-87831-027
 - PACKAGING SPECIFICATION: SEE PACKAGING SPECS TABLE ON SHEET 1
 - MATES WITH: A. MOLEX CRIMP RECEPTACLE HOUSING: 51110 SERIES 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)
 - FOR ILLUSTRATION PURPOSE, 8 CIRCUIT HEADER IS SHOWN.



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EC NO: 718010 DRWN: DANUSA CHK'D: DANUSA APPR: MRAMAKRISHNA	2022/08/26 2022/09/19 2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®				
				MM		NTS						
			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		
A13	REV					SD-87833-0001		PSD	001	4 OF 9		

9		8		7		6		5		4		3		2		1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAMAKRISHNA	2022/09/19	2022/09/19	2022/08/26	EC NO: 718010	DRWN: DANUSA	CHK'D: DANUSA	2022/09/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	4 PLACES	3 PLACES	2 PLACES	1 PLACES	0 PLACES	ANGULAR TOL ± 3.0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	REV	APPR: MRAM



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	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											
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
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
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	87833-2037	3											
		87833-2036	N.A	N.A	N.A	3											
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 2022/09/19 07:59:04																	
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

2022/08/26

2022/09/19

2022/09/19

EC NO: 718010

DRWN: DANUSA

CHK'D: DANUSA

REV APPR: MIRAMAKRISHNA

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

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