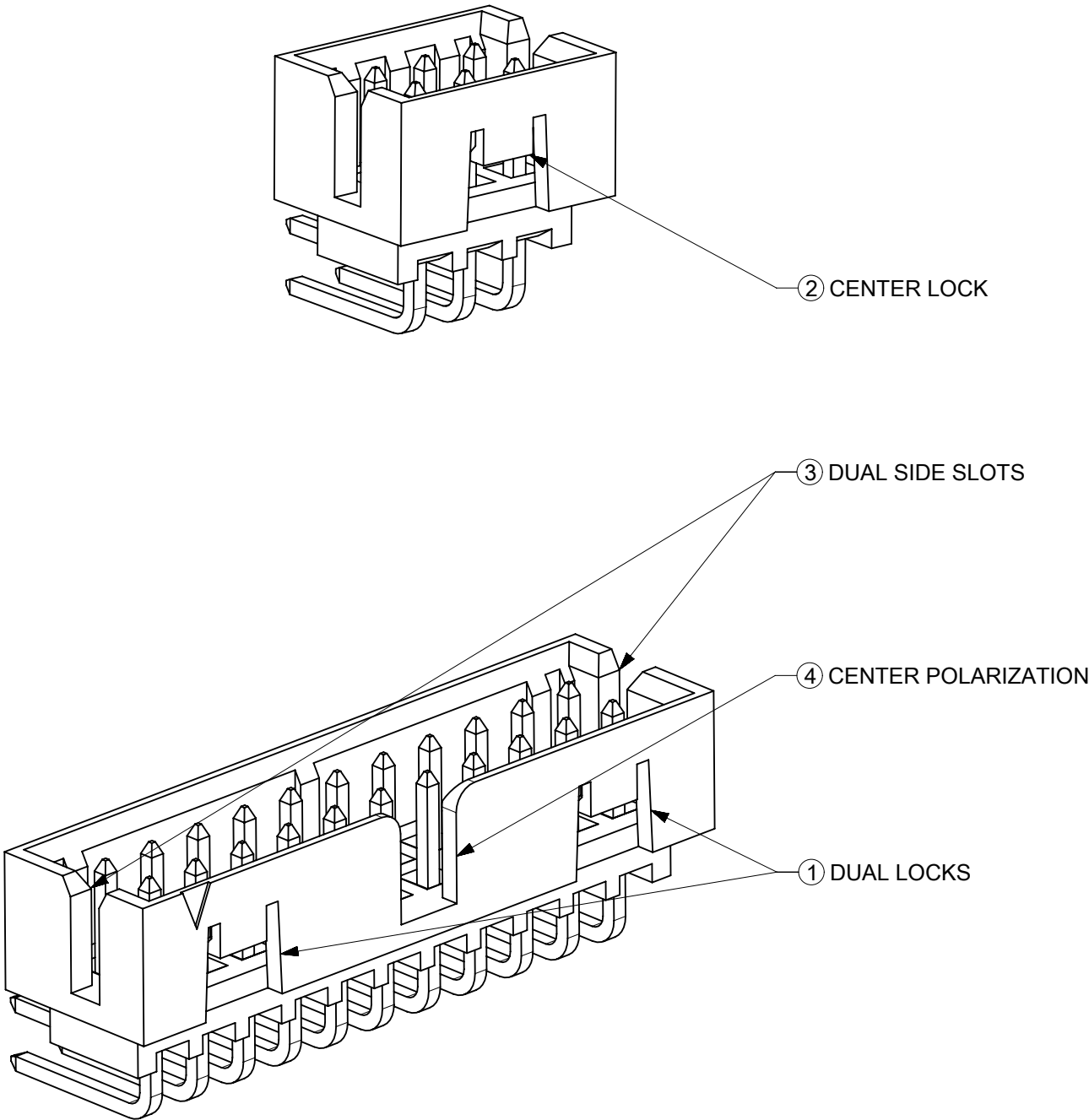


FEATURES SELECTION GUIDE

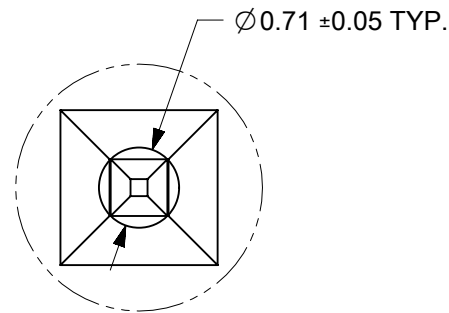
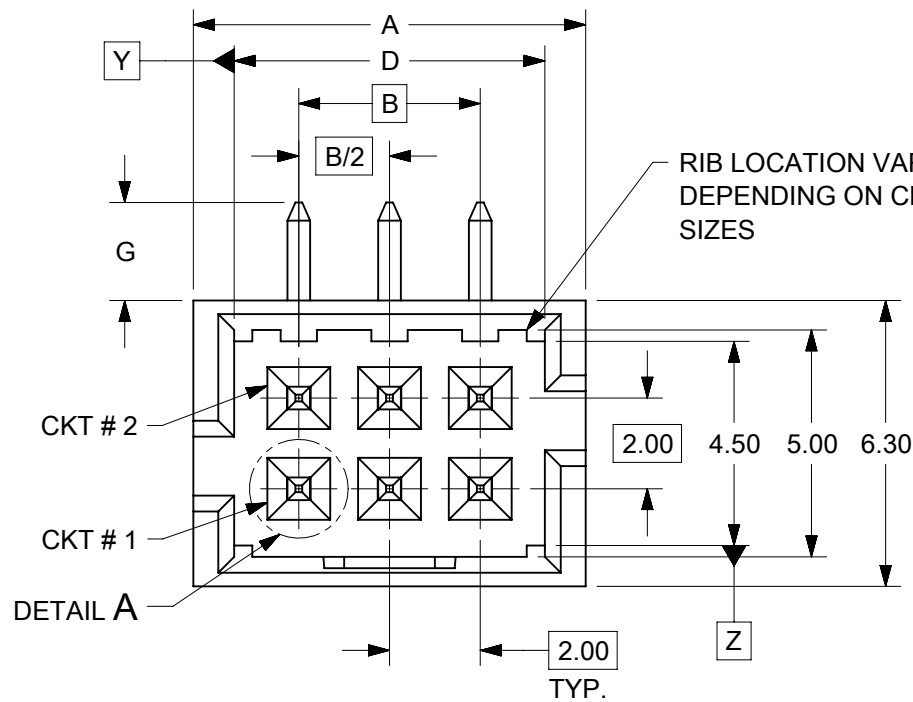


CIRCUIT SIZE	FEATURES				
	FRICTION LOCKS		③ DUAL SIDE SLOTS	④ CENTER POLARIZATION	SHEET NO
	① DUAL	②CENTER			
4 TO 6	N.A	N.A	YES	N.A	2 - 3
	N.A	YES	YES	N.A	
8 TO 12	N.A	N.A	YES	YES	4 - 5
	N.A	YES	YES	N.A	
14 TO 50	YES	N.A	YES	YES	6 - 9
	N.A	N.A	YES	YES	

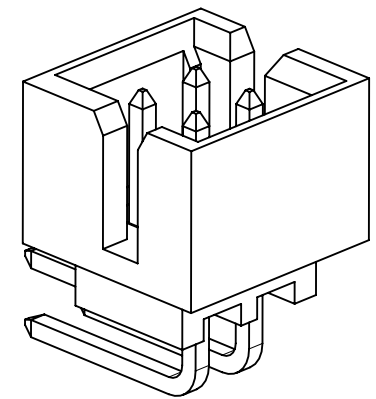
PACKAGING SPECIFICATION TABLE

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

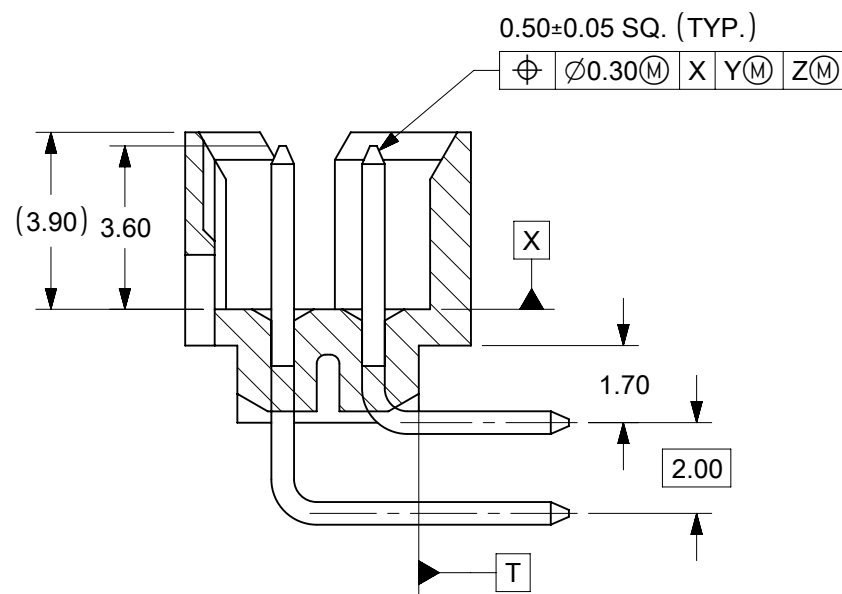
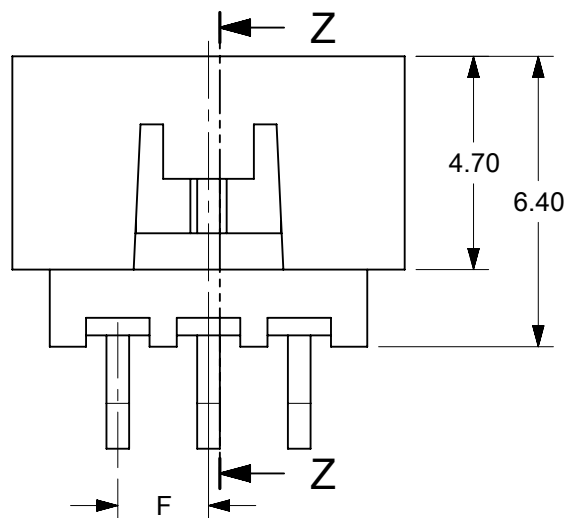
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
EC NO: 727481 DRWN: DANUSA CHK'D: DANUSA APPR: MIRAMAKRISHNA	2022/11/07 2022/11/07 2022/11/07	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex® MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE						
			MM	INCH	MM		NTS								
		4 PLACES	±	±	DRWN BY		DATE								
							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								
		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			
A14	REV						DOCUMENT NUMBER		DOC TYPE		DOC PART	SHEET NUMBER			
							SD-87833-0001		PSD		001	1 OF 9			



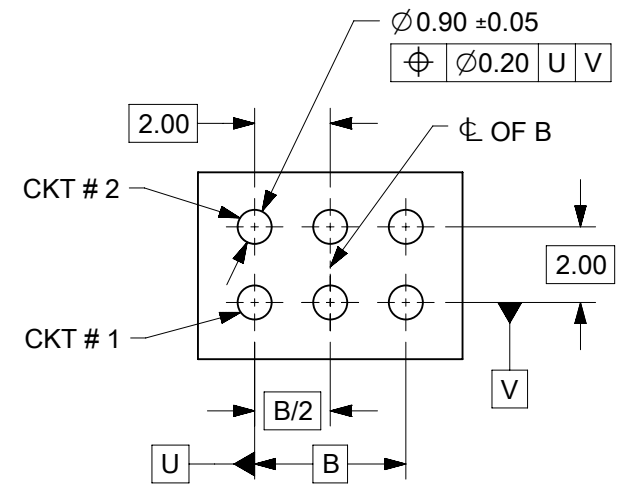
DETAIL A



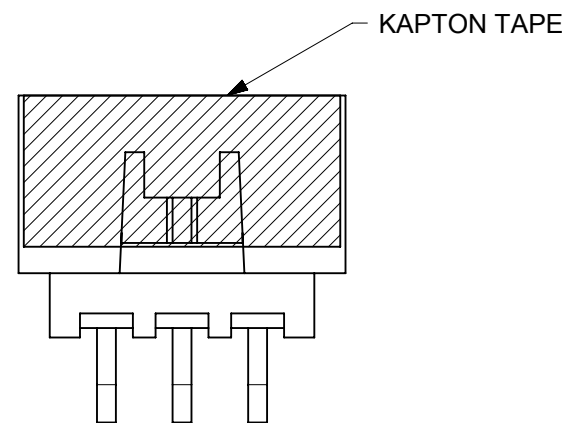
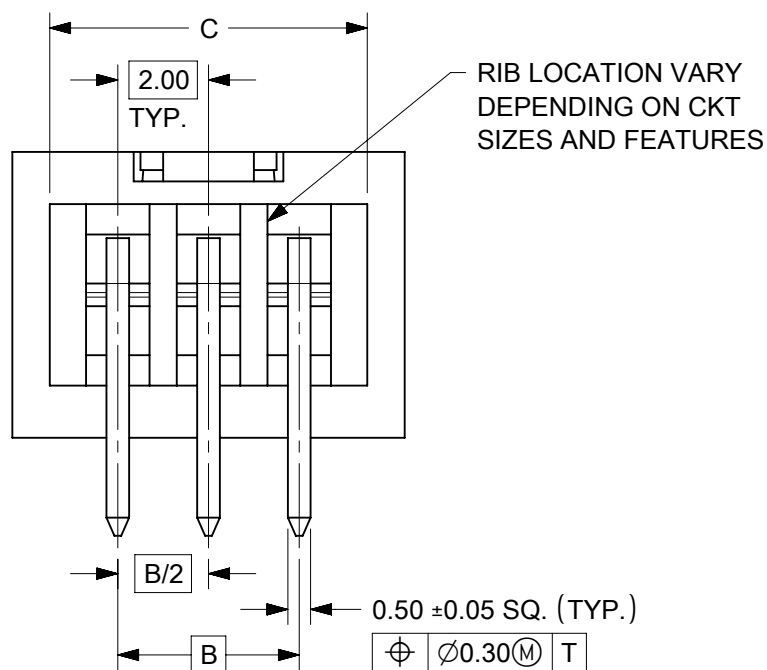
ISO VIEW OF HEADER
DUAL SIDE SLOTS



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 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								
		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								
		ANGULAR TOL ± 3.0			KHLIM		2015/11/03		PRODUCT CUSTOMER DRAWING						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER			CUSTOMER	
					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

CKT SIZE	ASSY. P/N WITHOUT KAPTON IN TUBE	ASSY. P/N WITH KAPTON IN TUBE	ASSY. P/N WITH KAPTON IN T&R	PLATING OPTIONS	FRICTION LOCKS		DUAL SIDE SLOTS	CENTER POLARIZATION	DIMENSION						
					DUAL	CENTER			A	B	C	D	E	F	G (SOLDER TAIL)
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										N.A	3.18
	87833-0421	N.A	N.A	3										N.A	2.16
	87833-5920	N.A	N.A	2	N.A	YES	N.A	1.00						3.18	
	87833-0431	87833-0441	87833-0451	2	N.A	YES	N.A	1.00						2.16	
	87833-0432	N.A	N.A	3	N.A	YES	N.A	1.00						3.18	
	87833-0461	N.A	N.A	2	N.A	YES	N.A	1.00						3.18	
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										N.A	3.18
	87833-0621	N.A	N.A	3										N.A	2.16
	87833-6420	N.A	N.A	2	N.A	YES	N.A	2.00						3.18	
	87833-0631	87833-0641	87833-0651	2	N.A	YES	N.A	2.00						2.16	
	87833-0632	N.A	N.A	3	N.A	YES	N.A	2.00						3.18	
	87833-0661	N.A	N.A	2	N.A	YES	N.A	N.A						2.92	
	87833-0624	N.A	N.A	2	N.A	N.A	N.A	N.A						2.92	
	87833-0625	N.A	N.A	3	N.A	N.A	N.A	N.A						2.92	

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.

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 2022/11/07 2022/11/07	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®							
				MM		NTS									
		4 PLACES	±	MM	INCH	DRWN BY		DATE		MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE					
			±	±	GMENARLY		2015/09/29								
			3 PLACES	±	±	CHK'D BY		DATE							
				±	±	CGOH		2015/10/30							
			2 PLACES	±	0.2	±	APPR BY		DATE						
		±		±	KHLIM		2015/11/03								
		ANGULAR TOL ± 3.0		DRAWING SIZE		THIRD ANGLE PROJECTION		PRODUCT CUSTOMER DRAWING							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3											
A14	REV							SERIES		MATERIAL NUMBER		CUSTOMER			
								87833		SEE TABLE		GENERAL MARKET			
								DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
								SD-87833-0001		PSD		001		3 OF 9	

RELEASE STATUS

P1

RELEASE DATE

2022/11/07

Downloaded From

Oneyac.com

9

8

7

6

5

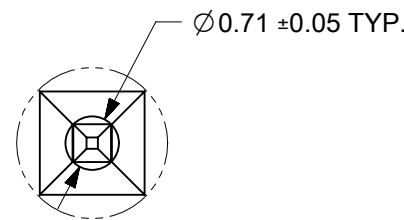
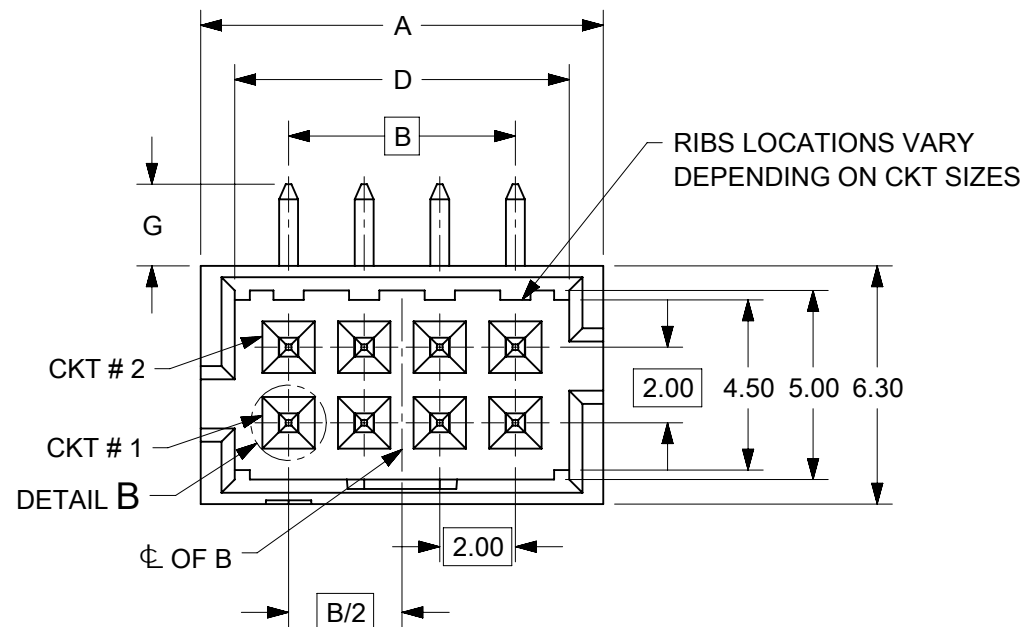
4

3

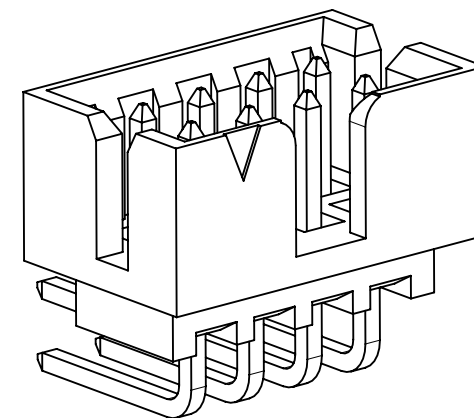
2

1

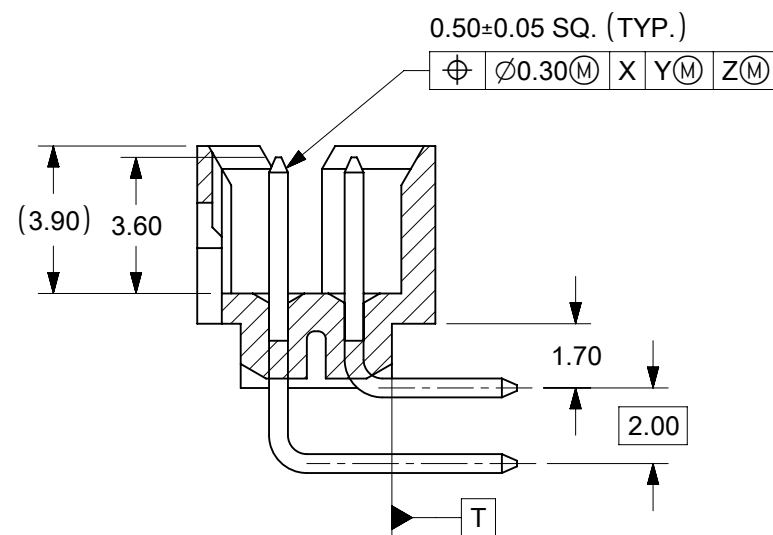
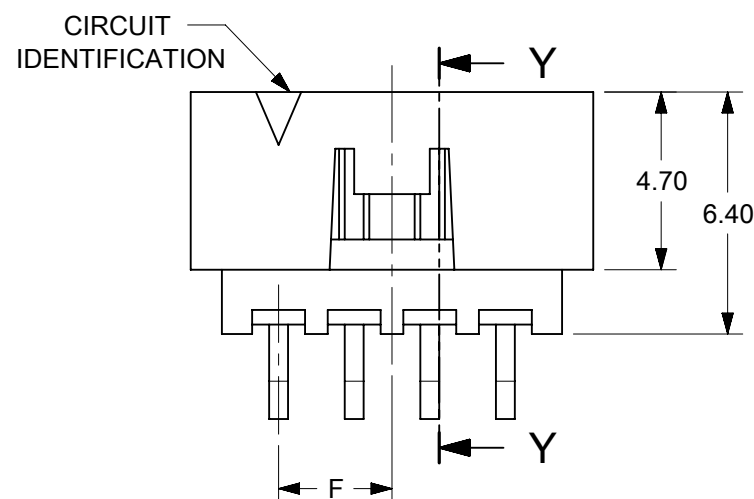
8 TO 12 CIRCUITS



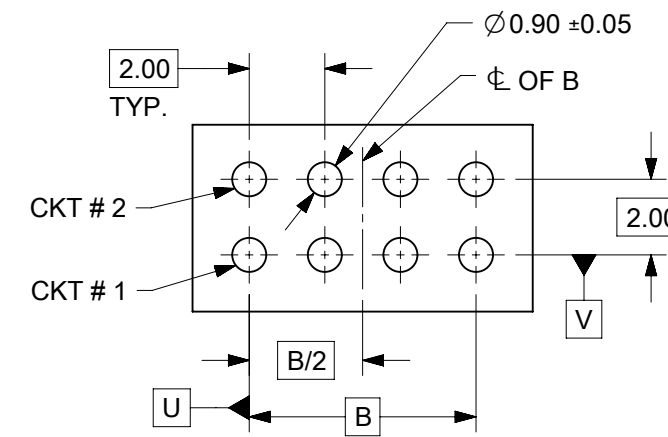
DETAIL B



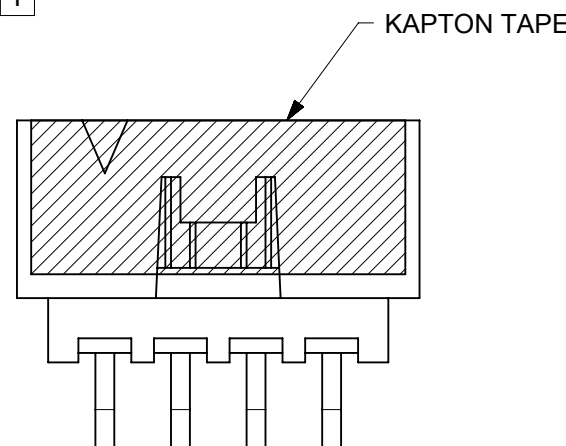
ISO VIEW OF HEADER WITH CENTER POLARIZATION AND DUAL SIDE SLOTS



SECTION Y-Y

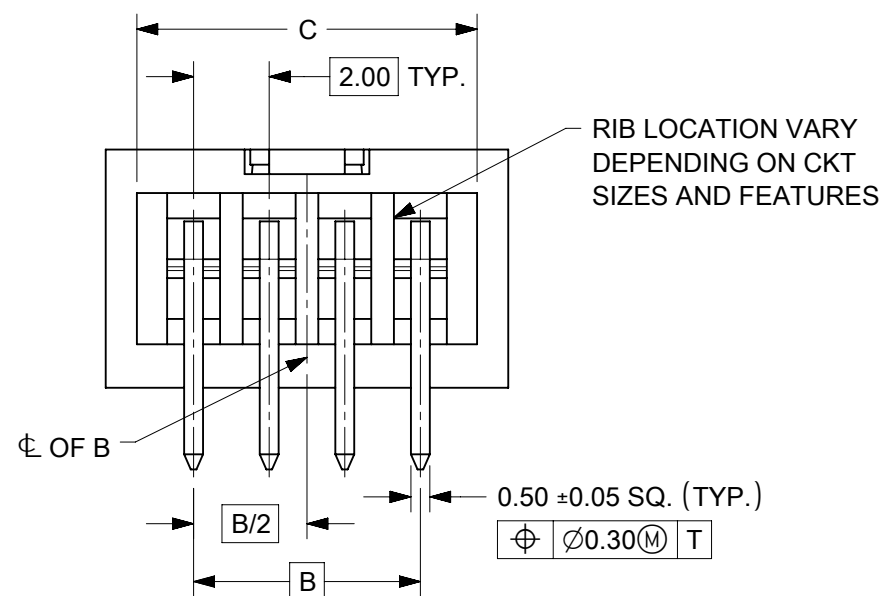


RECOMMENDED PCB LAYOUT

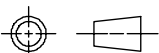


NOTES:

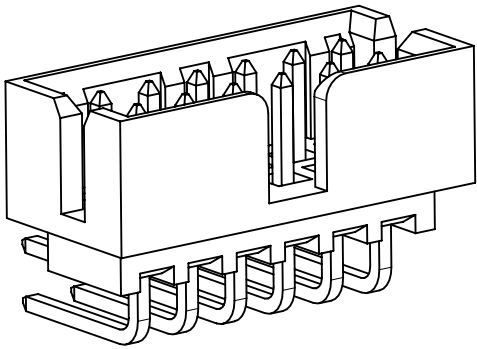
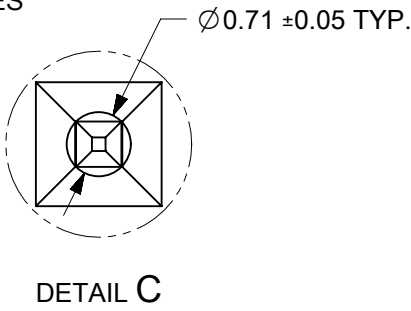
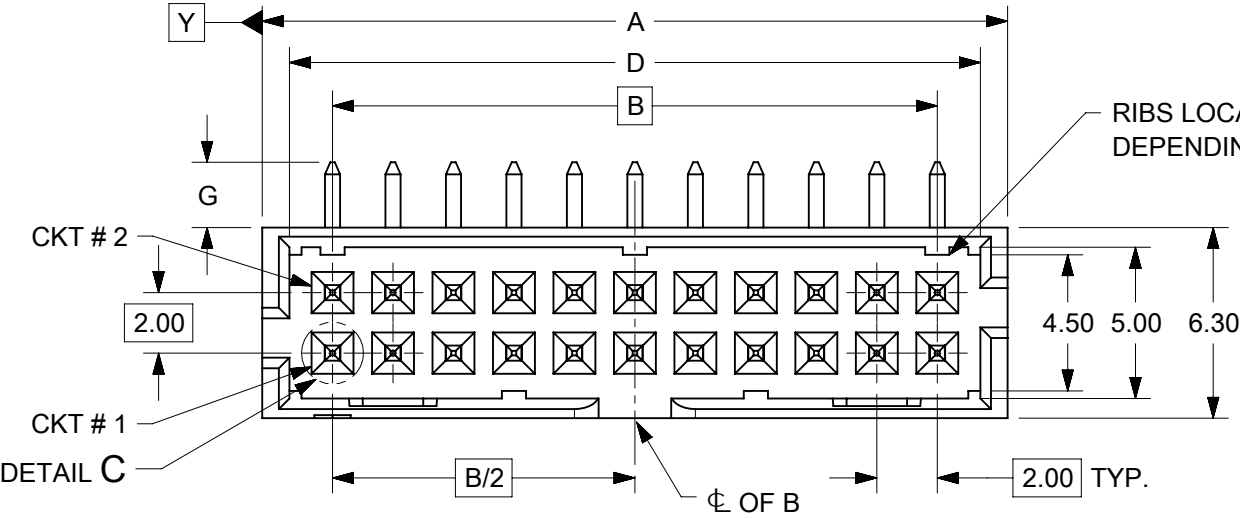
1. MATERIALS:
HOUSING: 30% GF, NYLON, UL94V-0, COLOR: BLACK
PIN: 0.50mm SQ. PHOSPHOR BRONZE.
2. FINISHES: REFER TO PLATING OPTIONS.
3. PRODUCT SPECIFICATION: PS-87831-027
4. PACKAGING SPECIFICATION: SEE PACKAGING SPECS TABLE ON SHEET 1
5. MATES WITH: A. MOLEX CRIMP RECEPTACLE HOUSING: 51110 SERIES AND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



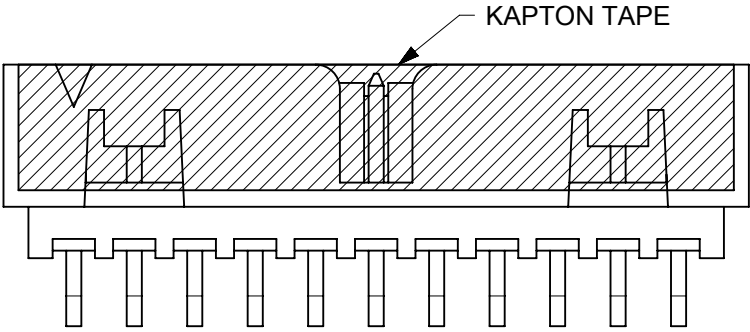
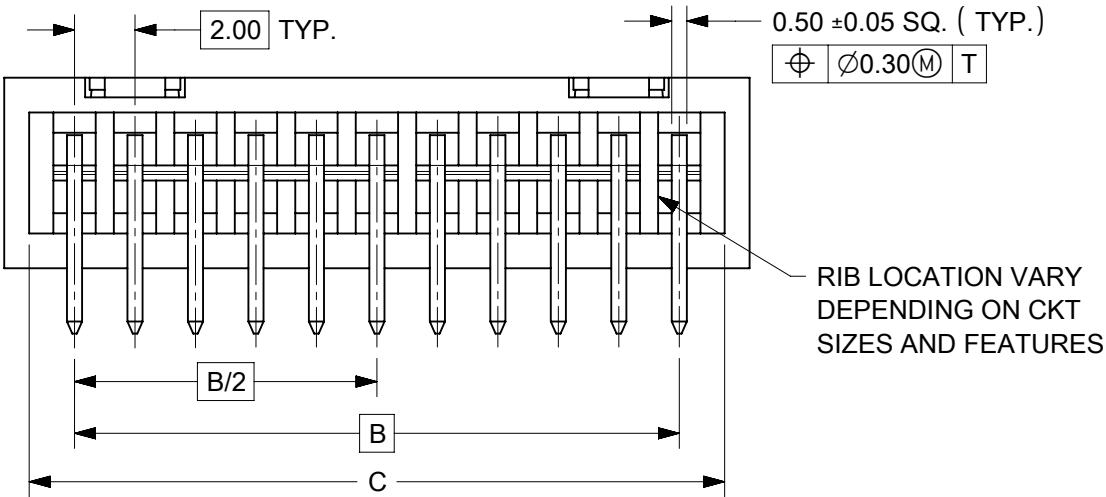
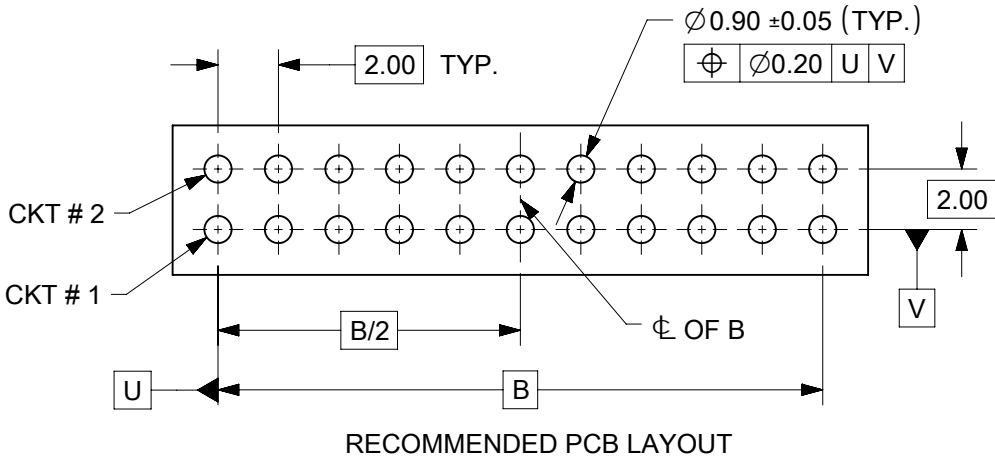
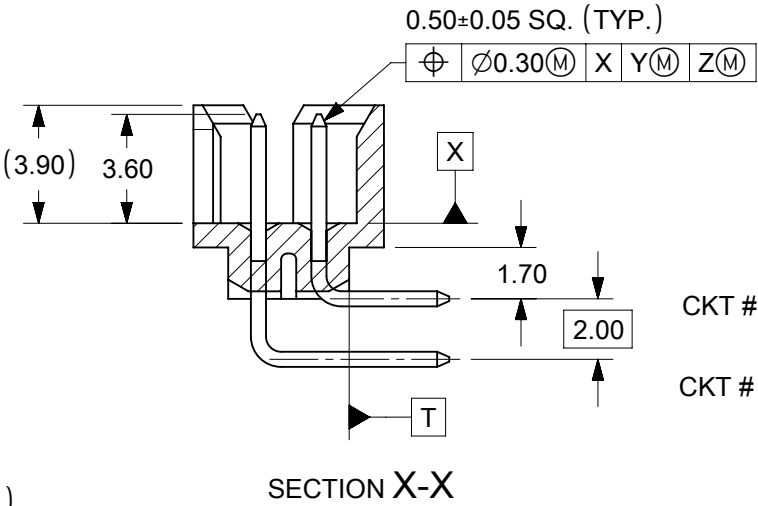
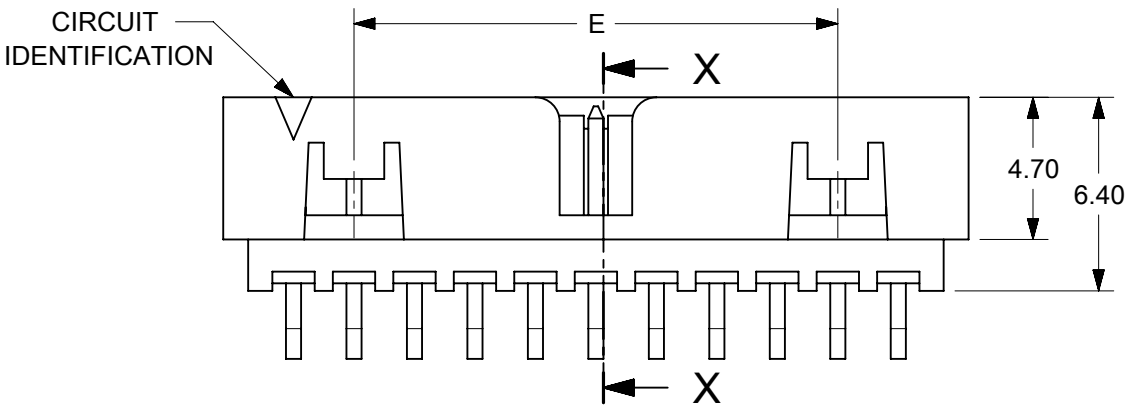
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

EC NO: 727481 DRWN: DANUSA CHKD: 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			SD-87833-0001		DOC TYPE	PSD		DOC PART	001	
				SHEET NUMBER			4 OF 9							

14 TO 50 CIRCUITS



ISO VIEW OF HEADER WITH CENTER POLARIZATION AND DUAL SIDE SLOTS



- 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, 22 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 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								
							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								
		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		6 OF 9		

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												YES	N.A	YES	YES	3.50																																																																																																																																			
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																																																																																																																																																			
		87833-1621	N.A	87833-7821	N.A	3												YES	N.A	YES	YES	3.18																																																																																																																																			
		87833-6120	N.A	87833-7120	N.A	2																																																																																																																																																			
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																																																																																																																																																			
		87833-1821	N.A	N.A	N.A	3												YES	N.A	YES	YES	3.18																																																																																																																																			
		87833-6220	N.A	N.A	N.A	2																																																																																																																																																			
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																																																																																																																																																			
		87833-2021	N.A	N.A	N.A	3												YES	N.A	YES	YES	3.18																																																																																																																																			
		87833-6520	N.A	N.A	N.A	2																																																																																																																																																			
		87833-6521	N.A	N.A	(A14) 87833-2037	3	YES	N.A	YES	YES							3.50																																																																																																																																								
		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																																																																																																																																																			
		87833-2421	N.A	N.A	N.A	3												YES	N.A	YES	YES	2.00																																																																																																																																			
		87833-7320	N.A	N.A	N.A	2																																																																																																																																																			
		87833-2436	N.A	N.A	N.A	3	YES	N.A	YES	YES							3.50																																																																																																																																								
		87833-6920	N.A	N.A	N.A	2												YES	N.A	YES	YES	3.27																																																																																																																																			
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. THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <table><tr><td rowspan="7">EC NO: 727481 DRWN: DANUSA CHK'D: DANUSA REV APPR: MIRAMAKRISHNA</td><td rowspan="7">2022/11/07 2022/11/07 2022/11/07</td><td colspan="2" rowspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="4" rowspan="2">molex®</td></tr><tr><td colspan="2">MM</td><td colspan="2">NTS</td></tr><tr><td rowspan="5">4 PLACES</td><td>±</td><td>±</td><td colspan="2">DRWN BY</td><td colspan="2">DATE</td><td colspan="4" rowspan="5">MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE</td></tr><tr><td colspan="2">MM</td><td colspan="2">INCH</td><td colspan="2">GMENARLY</td><td colspan="2">2015/09/29</td></tr><tr><td rowspan="3">3 PLACES</td><td>±</td><td>±</td><td colspan="2">CHK'D BY</td><td colspan="2">DATE</td></tr><tr><td colspan="2">CGOH</td><td colspan="2">2015/10/30</td></tr><tr><td rowspan="2">2 PLACES</td><td>± 0.2</td><td>±</td><td colspan="2">APPR BY</td><td colspan="2">DATE</td></tr><tr><td colspan="2">KHLIM</td><td colspan="2">2015/11/03</td></tr><tr><td colspan="2">ANGULAR TOL ± 3.0</td><td colspan="2">DRAWING SIZE</td><td colspan="2">THIRD ANGLE PROJECTION</td><td colspan="4" rowspan="2">PRODUCT CUSTOMER DRAWING</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">A3</td><td colspan="2"></td></tr><tr><td colspan="2">A14</td><td>REV</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">SERIES</td><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td></tr><tr><td colspan="2"></td><td></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">87833</td><td colspan="2">SEE TABLE</td><td colspan="2">GENERAL MARKET</td></tr><tr><td colspan="2"></td><td></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">DOCUMENT NUMBER</td><td colspan="2">DOC TYPE</td><td colspan="2">DOC PART</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="2"></td><td></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">SD-87833-0001</td><td colspan="2">PSD</td><td colspan="2">001</td><td colspan="2">7 OF 9</td></tr></table>																	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®				MM		NTS		4 PLACES	±	±	DRWN BY		DATE		MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE				MM		INCH		GMENARLY		2015/09/29		3 PLACES	±	±	CHK'D BY		DATE		CGOH		2015/10/30		2 PLACES	± 0.2	±	APPR BY		DATE		KHLIM		2015/11/03		ANGULAR TOL ± 3.0		DRAWING SIZE		THIRD ANGLE PROJECTION		PRODUCT CUSTOMER DRAWING				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3				A14		REV							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	
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®																																																																																																																																																	
				MM		NTS																																																																																																																																																			
		4 PLACES	±	±	DRWN BY		DATE		MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE																																																																																																																																																
			MM		INCH		GMENARLY						2015/09/29																																																																																																																																												
			3 PLACES	±	±	CHK'D BY		DATE																																																																																																																																																	
				CGOH		2015/10/30																																																																																																																																																			
				2 PLACES	± 0.2	±	APPR BY						DATE																																																																																																																																												
KHLIM		2015/11/03																																																																																																																																																							
ANGULAR TOL ± 3.0		DRAWING SIZE		THIRD ANGLE PROJECTION		PRODUCT CUSTOMER DRAWING																																																																																																																																																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3																																																																																																																																																							
A14		REV							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																																																																																																																																																	

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														3.50				
	28	87833-2819		N.A		N.A		1	YES	N.A	YES	YES												
		87833-2820		N.A		N.A							30.65	26.00	29.00	28.85	22.00	N.A	2.16					
		87833-2821		N.A		N.A																		
		87833-6620		N.A		N.A														3.18				
	D	30	87833-3019		N.A		N.A		1	YES	N.A	YES	YES											
			87833-3020		N.A		N.A							32.65	28.00	31.00	30.85	24.00	N.A	2.16				
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											
	87833-3220		N.A		N.A		34.65	30.00						33.00	32.85	26.00	N.A	2.16						
	87833-3221		N.A		N.A																			
C	34	87833-3419		N.A		N.A		1	YES	N.A	YES	YES												
		87833-3420		N.A		N.A							36.65	32.00	35.00	34.85	28.00	N.A	2.16					
		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																		
B	36	87833-3619		N.A		N.A		1	YES	N.A	YES	YES												
		87833-3620		N.A		N.A							38.65	34.00	37.00	36.85	30.00	N.A	2.16					
		87833-3621		N.A		N.A																		
	38	87833-3819		N.A		N.A		1	YES	N.A	YES	YES												
87833-3820		N.A		N.A		40.65	36.00						39.00	38.85	32.00	N.A	2.16							
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 Downloaded From Oneyac.com																								
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		GMENARLY 2015/09/29									
		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 87833 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET									
		ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION												
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				DOCUMENT NUMBER SD-87833-0001 DOC TYPE PSD DOC PART 001 SHEET NUMBER 8 OF 9										

9		8		7		6		5		4		3		2		1																																																																																										
40 TO 50 CIRCUITS																																																																																																										
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	N.A	N.A	YES	YES							2.92																																																																																										
	87833-4425	N.A	N.A	N.A	3																																																																																																					
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. THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <table><tr><td rowspan="10">EC NO: 727481 DRWN: DANUSA CHK'D: DANUSA REV</td><td rowspan="10">2022/11/07 2022/11/07 2022/11/07 A14</td><td rowspan="10">MIRAMAKRISHNA APPR</td><td colspan="3">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="6" rowspan="2"> molex® MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE PRODUCT CUSTOMER DRAWING <table><tr><td>SERIES</td><td colspan="2">MATERIAL NUMBER</td><td colspan="3">CUSTOMER</td></tr><tr><td>87833</td><td colspan="2">SEE TABLE</td><td colspan="3">GENERAL MARKET</td></tr><tr><td colspan="3">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td colspan="3">SHEET NUMBER</td></tr><tr><td colspan="3">SD-87833-0001</td><td>PSD</td><td>001</td><td colspan="3">9 OF 9</td></tr></table></td></tr><tr><td colspan="3">MM</td><td colspan="2">NTS</td></tr><tr><td colspan="3">DRWN BY</td><td colspan="2">DATE</td></tr><tr><td colspan="3">GMENARLY</td><td colspan="2">2015/09/29</td></tr><tr><td colspan="3">CHK'D BY</td><td colspan="2">DATE</td></tr><tr><td colspan="3">CGOH</td><td colspan="2">2015/10/30</td></tr><tr><td colspan="3">APPR BY</td><td colspan="2">DATE</td></tr><tr><td colspan="3">KHLIM</td><td colspan="2">2015/11/03</td></tr><tr><td colspan="3">DRAWING SIZE</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td colspan="3">A3</td><td colspan="2"></td></tr></table> RELEASE STATUS P1 RELEASE DATE 2022/11/07 Downloaded From Oneyac.com																		EC NO: 727481 DRWN: DANUSA CHK'D: DANUSA REV	2022/11/07 2022/11/07 2022/11/07 A14	MIRAMAKRISHNA APPR	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex® MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE PRODUCT CUSTOMER DRAWING <table><tr><td>SERIES</td><td colspan="2">MATERIAL NUMBER</td><td colspan="3">CUSTOMER</td></tr><tr><td>87833</td><td colspan="2">SEE TABLE</td><td colspan="3">GENERAL MARKET</td></tr><tr><td colspan="3">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td colspan="3">SHEET NUMBER</td></tr><tr><td colspan="3">SD-87833-0001</td><td>PSD</td><td>001</td><td colspan="3">9 OF 9</td></tr></table>						SERIES	MATERIAL NUMBER		CUSTOMER			87833	SEE TABLE		GENERAL MARKET			DOCUMENT NUMBER			DOC TYPE	DOC PART	SHEET NUMBER			SD-87833-0001			PSD	001	9 OF 9			MM			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				
EC NO: 727481 DRWN: DANUSA CHK'D: DANUSA REV	2022/11/07 2022/11/07 2022/11/07 A14	MIRAMAKRISHNA APPR	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex® MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE PRODUCT CUSTOMER DRAWING <table><tr><td>SERIES</td><td colspan="2">MATERIAL NUMBER</td><td colspan="3">CUSTOMER</td></tr><tr><td>87833</td><td colspan="2">SEE TABLE</td><td colspan="3">GENERAL MARKET</td></tr><tr><td colspan="3">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td colspan="3">SHEET NUMBER</td></tr><tr><td colspan="3">SD-87833-0001</td><td>PSD</td><td>001</td><td colspan="3">9 OF 9</td></tr></table>						SERIES	MATERIAL NUMBER				CUSTOMER			87833	SEE TABLE		GENERAL MARKET							DOCUMENT NUMBER			DOC TYPE	DOC PART	SHEET NUMBER			SD-87833-0001			PSD	001	9 OF 9																																																											
			SERIES	MATERIAL NUMBER		CUSTOMER																																																																																																				
			87833	SEE TABLE		GENERAL MARKET																																																																																																				
			DOCUMENT NUMBER			DOC TYPE	DOC PART	SHEET NUMBER																																																																																																		
			SD-87833-0001			PSD	001	9 OF 9																																																																																																		
			MM			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																																																																																																										
9		8		7		6		5		4		3		2		1																																																																																										

单击下面可查看定价，库存，交付和生命周期等信息

[>>MOLEX](#)