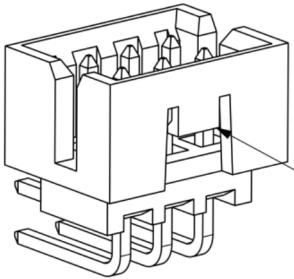
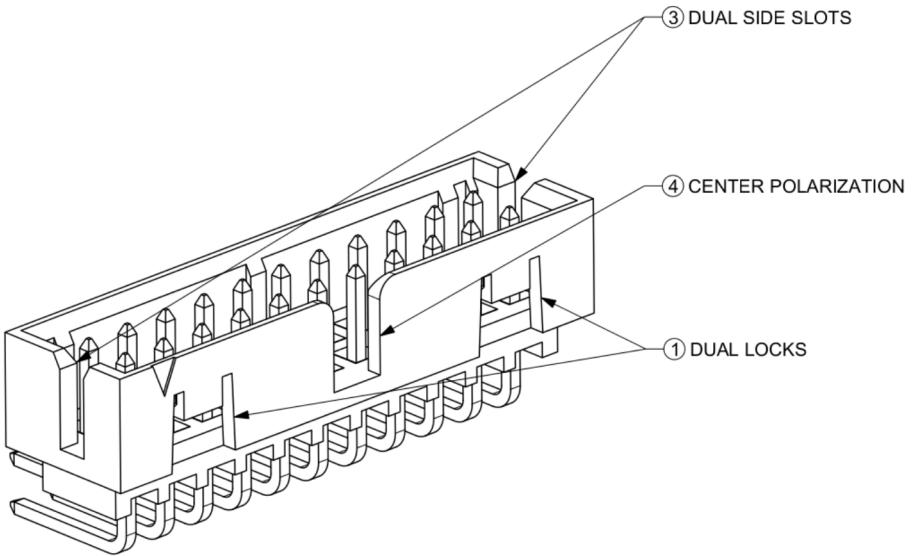


FEATURES SELECTION GUIDE



② CENTER LOCK



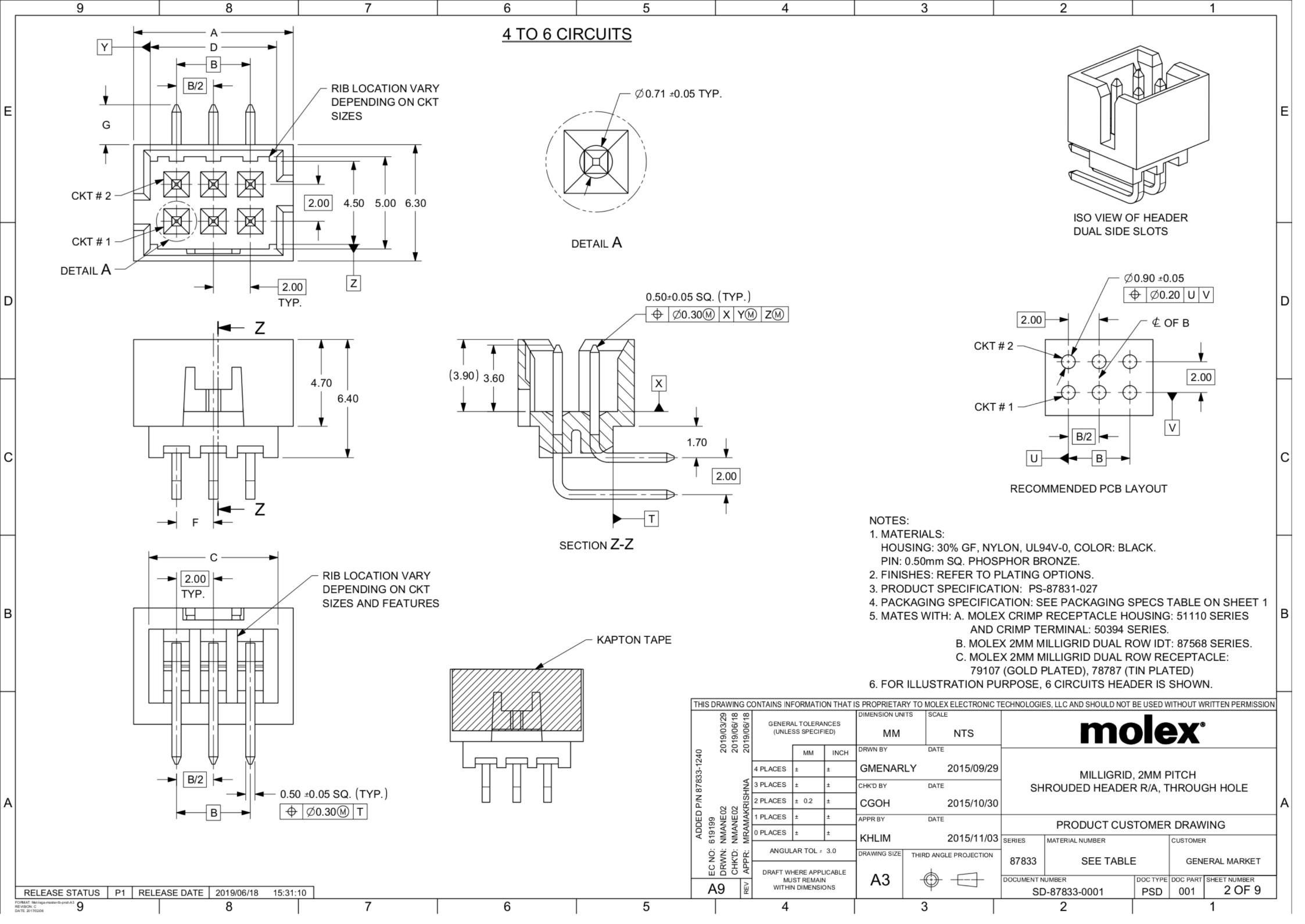
④ CENTER POLARIZATION

① DUAL LOCKS

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										
ADDED/PIN 87833-1240 EC NO.: 619199 DRWN: 2019/03/29 CHKD: 2019/06/18 APPR: 2019/06/18		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		 molex® MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE		
		MM	INCH	MM	NTS					
		DRWN BY		DATE		PRODUCT CUSTOMER DRAWING SERIES MATERIAL NUMBER CUSTOMER				
		GMENARLY		2015/09/29						
		CHKD BY		DATE		87833 SEE TABLE GENERAL MARKET				
		CGOH		2015/10/30						
		APPR BY		DATE		DOCUMENT NUMBER PSD DOC PART 001 SHEET NUMBER 1 OF 9				
		KHLIM		2015/11/03						
		DRAWING SIZE		THIRD ANGLE PROJECTION						
		ANGULAR TOL: ± 3.0								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
A9	REV.	A3								



4 TO 6 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	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																		
	87833-0421	N.A.	N.A.	3																		
	87833-5920	N.A.	N.A.	2	N.A.	N.A.	YES	N.A.														
	87833-0431	87833-0441	87833-0451	2	N.A.	YES	YES	N.A.														
	87833-0432	N.A.	N.A.	3																		
	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.	N.A.	2																		
	87833-0621	N.A.	N.A.	3																		
	87833-6420	N.A.	N.A.	2	N.A.	N.A.	YES	N.A.														
	87833-0631	87833-0641	87833-0651	2	N.A.	YES	YES	N.A.														
	87833-0632	N.A.	N.A.	3																		
	87833-0661	N.A.	N.A.	2	N.A.	YES	YES	N.A.														
	87833-0624	N.A.	N.A.	2	N.A.	N.A.	YES	N.A.														
	87833-0625	N.A.	N.A.	3																		

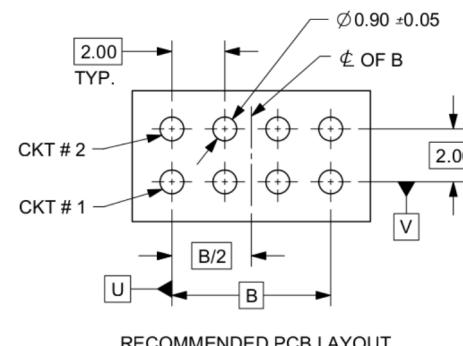
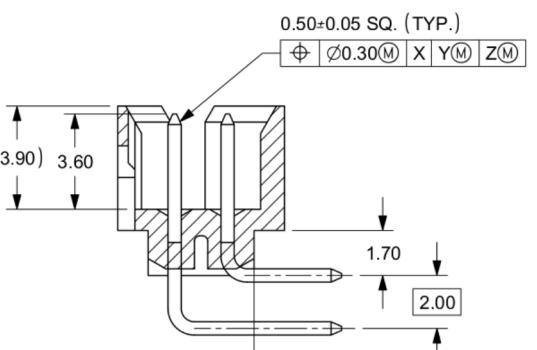
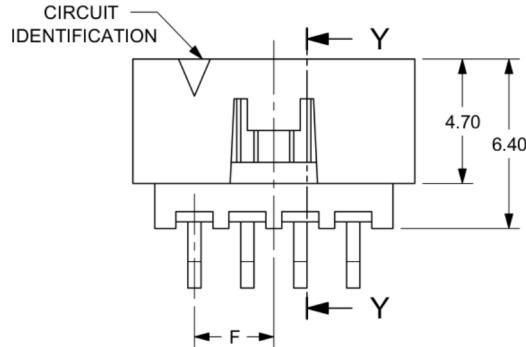
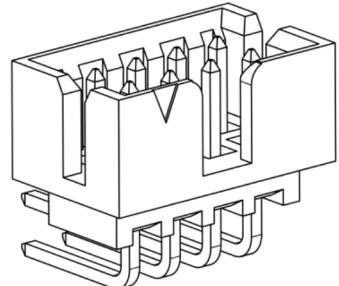
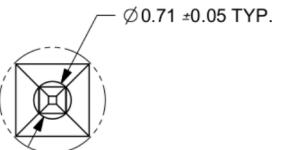
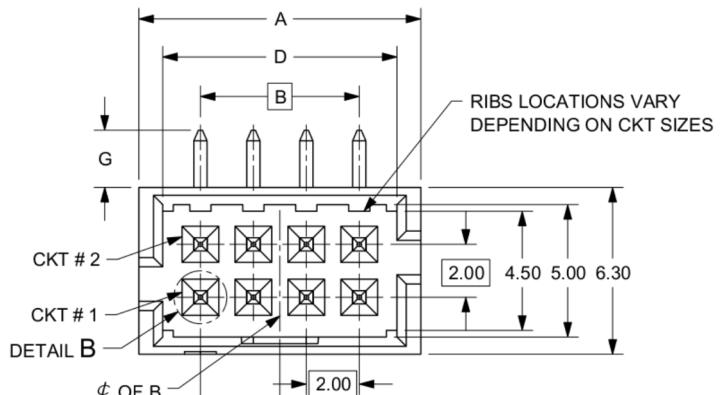
PLATING OPTIONS:

- 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

ADDED PIN 87833-1240	EC NO: 619199	DRVN: NMNAME02	CHK'D: NMNAME02	APPR: MRAMAKRISHNA	REV: A9	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	DIMENSION UNITS MM	SCALE NTS	molex®			
2019/03/29	2019/06/18	2019/06/18	2019/06/18			4 PLACES	±	±	DRWN BY GMENARLY	DATE 2015/09/29	MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE			
						3 PLACES	±	±	CHK'D BY CGOH	DATE 2015/10/30				
						2 PLACES	±	0.2	APPR BY KHLIM	DATE 2015/11/03	PRODUCT CUSTOMER DRAWING			
						1 PLACES	±	±			SERIES 87833	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET	
						0 PLACES	±	±						
						ANGULAR TOL ± 3.0					DOCUMENT NUMBER SD-87833-0001	DOC TYPE PSD	DOC PART 001	Sheet Number 3 OF 9
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
						A3								

9 8 7 6 5 4 3 2 1

8 TO 12 CIRCUITS

- 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										
ADDED PIN 87833-1240			GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		
			MM		INCH	MM		NTS		
EC NO: 619199	DRWN: NMNAME02	CHK'D: NMNAME02	4 PLACES	±	±	DRWN BY	DATE			
2019/03/29	2019/06/18	2019/06/18	3 PLACES	±	±	GMENARLY	2015/09/29			
			2 PLACES	± 0.2	±	CGOH	2015/10/30			
			1 PLACES	±	±	APPR BY	DATE			
			0 PLACES	±	±	KHILIM	2015/11/03			
			ANGULAR TOL ± 3.0							
DRAFT WHERE APPPLICABLE MUST REMAIN WITHIN DIMENSIONS										
A9			DRAWING SIZE		THIRD ANGLE PROJECTION		PRODUCT CUSTOMER DRAWING			
REV: A3			SERIES		MATERIAL NUMBER		CUSTOMER			
87833			SEE TABLE		GENERAL MARKET					
DOCUMENT NUMBER			SD-87833-0001		DOC TYPE		DOC PART			
SD-87833-0001			PSD		001		SHEET NUMBER			
4 OF 9										

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

8 TO 12 CIRCUITS

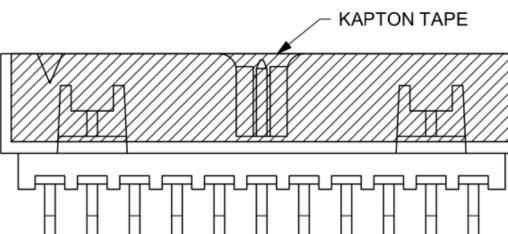
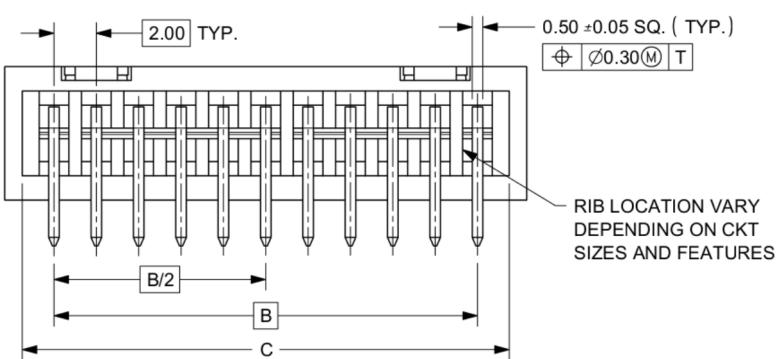
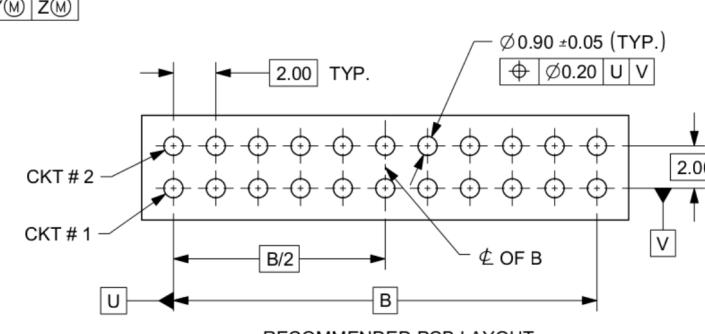
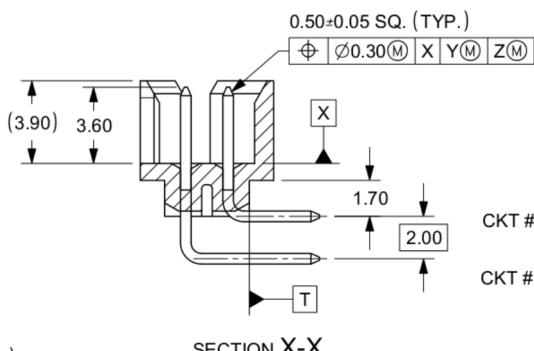
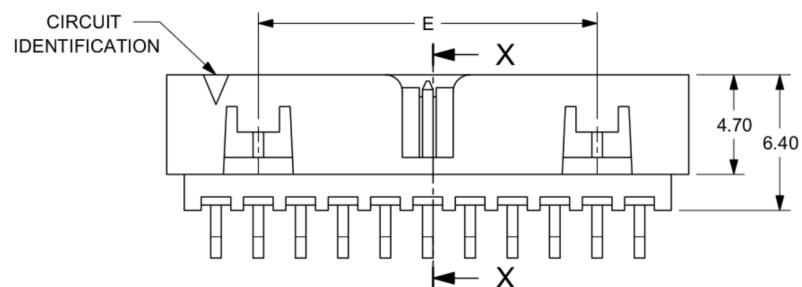
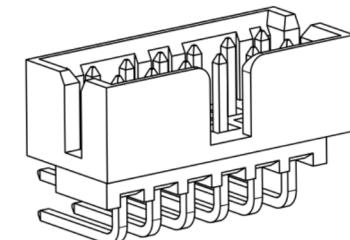
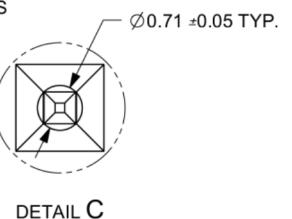
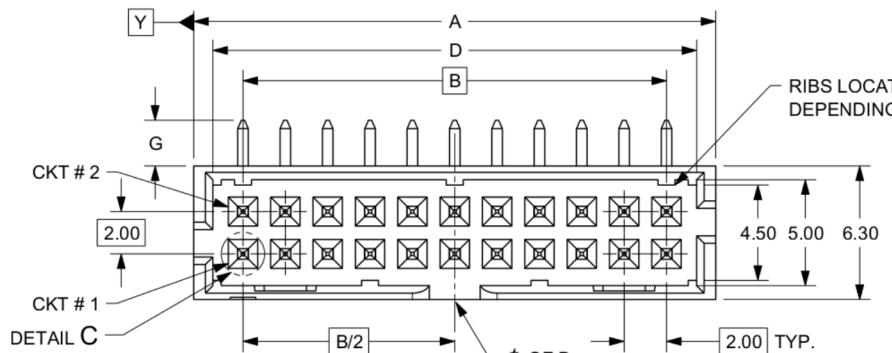
E CKT SIZE	ASSY. P/N WITHOUT KAPTON IN TUBE	ASSY. P/N WITH KAPTON IN TUBE	ASSY. P/N WITH KAPTON IN T&R	PLATING OPTIONS	FRICTION LOCKS		DUAL SIDE SLOTS	CENTER POLARIZATION	DIMENSION													
					DUAL	CENTER			A	B	C	D	E	F	G (SOLDER TAIL)							
8	87833-0819	N.A.	N.A.	1	N.A.	N.A.	YES	YES	10.65	6.00	9.00	8.85	N.A.	N.A.	2.16							
	87833-0820	N.A.	N.A.	2																		
	87833-0821	N.A.	(A9) 87833-7621	3																		
	87833-6320	N.A.	N.A.	2		N.A.	YES	YES														
	87833-6321	N.A.	N.A.	3																		
	87833-0831	87833-0841	87833-0851	2		N.A.	YES	YES														
	87833-0832	N.A.	N.A.	3		N.A.																
	87833-0861	N.A.	N.A.	2		N.A.	YES	YES														
	87833-0824	N.A.	N.A.	2		N.A.	N.A.	YES														
	87833-0825	N.A.	N.A.	3		N.A.																
10	87833-1019	N.A.	N.A.	1	N.A.	N.A.	YES	YES	12.65	8.00	11.00	10.85	N.A.	N.A.	2.16							
	87833-1020	N.A.	N.A.	2																		
	87833-1021	N.A.	N.A.	3																		
	87833-1031	N.A.	N.A.	2		N.A.	YES	YES														
	87833-1032	N.A.	N.A.	3																		
	N.A.	87833-1041	87833-1051	2		N.A.	YES	YES														
	87833-1024	N.A.	N.A.	2		N.A.	N.A.	YES														
	87833-1025	N.A.	N.A.	3																		
12	87833-1219	N.A.	N.A.	1	N.A.	N.A.	YES	YES	14.65	10.00	13.00	12.85	N.A.	N.A.	2.16							
	87833-1220	N.A.	87833-1240	2																		
	87833-1221	N.A.	N.A.	3																		
	87833-6020	N.A.	N.A.	2		N.A.	N.A.	YES														
	87833-1231	N.A.	N.A.	2		N.A.	YES	YES														
	87833-1232	N.A.	N.A.	3																		
	87833-1224	N.A.	N.A.	2		N.A.	N.A.	YES														
	87833-1225	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										
ADDED PIN 87833-1240	EC NO: 619199	DRVN: NMNAME02	CHK'D: NMNAME02	APPR: MRAMAKRISHNA	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH	DIMENSION UNITS MM	SCALE NTS	molex®
2019/03/29	2019/06/18	2019/06/18	2019/06/18	2019/06/18	4 PLACES	±	±	DRWN BY GMENARLY	DATE 2015/09/29	MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE
					3 PLACES	±	±	CHK'D BY CGOH	DATE 2015/10/30	
					2 PLACES	±	0.2	APPR BY KHLIM	DATE 2015/11/03	
					1 PLACES	±	±		PRODUCT CUSTOMER DRAWING	
					0 PLACES	±	±			
					ANGULAR TOL ± 3.0	DRAWING SIZE A3				SERIES 87833 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION				
DOCUMENT NUMBER SD-87833-0001	DOC TYPE PSD	DOC PART 001	SHEET NUMBER 5 OF 9							

9 8 7 6 5 4 3 2 1

14 TO 50 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, 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									
ADDED PIN 87833-1240			GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		
EC NO:	619199	DRWN BY:	MM	INCH	MM	NTS			
REV:	02	2019/03/29					DRWN BY	DATE	
NAME:	NMANE02	2019/06/18					GMENARLY	2015/09/29	
CHKD:	NMANE02	2019/06/18					CHK'D BY	DATE	
APPR:	MRAMAKRISHNA	2019/06/18					CGOH	2015/10/30	
A9							APPR BY	DATE	
							KHILIM	2015/11/03	
							ANGULAR TOL	± 3.0	
							DRAFT WHERE APPLICABLE	MUST REMAIN WITHIN DIMENSIONS	
							A3	THIRD ANGLE PROJECTION	
							SEE TABLE	GENERAL MARKET	
							SD-87833-0001	DOC TYPE	
								PSD	
								001	SHEET NUMBER
									6 OF 9

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

PRODUCT CUSTOMER DRAWING

SERIES MATERIAL NUMBER CUSTOMER

DRAWING SIZE THIRD ANGLE PROJECTION GENERAL MARKET

DOCUMENT NUMBER SEE TABLE

SD-87833-0001 PSD 001

14 TO 24 CIRCUITS

PLATING OPTIONS:

- 1 - 0.05-0.13 μ m/2-5 μ m GOLD IN CONTACT AREA AND
1.88 μ m/75 μ m MIN. MATTE TIN IN SOLDER TAIL AREA OVER
1.27 μ m/50 μ m MIN. NICKEL OVERALL.
 - 2 - 0.38 μ m/15 μ m MIN. GOLD IN CONTACT AREA AND
1.88 μ m/75 μ m MIN. MATTE TIN IN SOLDER TAIL AREA OVER
1.27 μ m/50 μ m MIN. NICKEL OVERALL.
 - 3 - 0.76 μ m/30 μ m MIN. GOLD IN CONTACT AREA AND
1.88 μ m/75 μ m MIN. MATTE TIN IN SOLDER TAIL AREA OVER
1.27 μ m/50 μ m MIN. NICKEL OVERALL

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
ADDED P/N 87833-1240 EC NO: 619999 DRWN: NNAME02 CHKD: NMARMA02 APPR: MRMARRISHA	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		 MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE					
	MM		INCH		DRWN BY		DATE						
	4 PLACES	\pm	\pm	GMENARLY		2015/09/29							
	3 PLACES	\pm	\pm	CHKD BY		DATE							
	2 PLACES	\pm 0.2	\pm	CGOH		2015/10/30							
	1 PLACES	\pm	\pm	APPR BY		DATE							
	0 PLACES	\pm	\pm	KHLIM		2015/11/03							
	ANGULAR TOL \pm 3.0												
	DRAWING SIZE THIRD ANGLE PROJECTION												
	A9	Rev	DRAFT WHERE APPPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3						PRODUCT CUSTOMER DRAWING	
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						

26 TO 38 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)
26	87833-2619	N.A.	N.A.	1	YES	N.A.	YES	YES	28.65	24.00	27.00	26.85	20.00	N.A.	2.16
	87833-2620	N.A.	N.A.	2											3.50
	87833-2621	N.A.	N.A.	3											3.18
	87833-2636	N.A.	N.A.	3											2.16
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.	2											3.18
	87833-2821	N.A.	N.A.	3											2.16
	87833-6620	N.A.	N.A.	2											3.18
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.	2											3.18
	87833-3021	N.A.	N.A.	3											3.50
	87833-6720	N.A.	N.A.	2											2.16
	87833-6721	N.A.	N.A.	3											3.18
	87833-3036	N.A.	N.A.	3											2.16
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.	2											2.16
	87833-3221	N.A.	N.A.	3											2.16
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.	2											3.18
	87833-3421	N.A.	N.A.	3											2.92
	87833-5420	N.A.	N.A.	2											3.18
	87833-3424	N.A.	N.A.	2											2.92
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.	2											2.16
	87833-3621	N.A.	N.A.	3											2.16
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.	2											2.16
	87833-3821	N.A.	N.A.	3											2.16

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												
ADDED PIN 87833-1240	EC NO: 619199	DRWN BY: NMANE02	DATE: 2019/03/29	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE				
			2019/06/18	4 PLACES	MM	INCH	MM	NTS				
			2019/06/18	3 PLACES	±	±	DRWN BY: GMENARLY	DATE: 2015/09/29				
			2019/06/18	2 PLACES	± 0.2	±	CHK'D BY: CGOH	DATE: 2015/10/30				
				1 PLACES	±	±	APPR BY: KHLIM	DATE: 2015/11/03				
				0 PLACES	±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
							A3	SEE TABLE	PRODUCT CUSTOMER DRAWING			
									MILLIGRID, 2MM PITCH SHROUDED HEADER R/A, THROUGH HOLE			
									SERIES: 87833	MATERIAL NUMBER: SEE TABLE	CUSTOMER: GENERAL MARKET	
									DOCUMENT NUMBER: SD-87833-0001	DOC TYPE: PSD	DOC PART: 001	SHEET NUMBER: 8 OF 9

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	PLATING OPTIONS	FRICTION LOCKS		DUAL SIDE SLOTS	CENTER POLARIZATION	DIMENSION						
					DUAL	CENTER			A	B	C	D	E	F	G (SOLDER TAIL)
40	87833-4019	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.	2											
	87833-4021	N.A.	N.A.	3											
42	87833-4219	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.	2											
	87833-4221	N.A.	N.A.	3											
44	87833-4419	N.A.	N.A.	1	YES	N.A.	YES	YES	46.65	42.00	45.00	44.85	38.00	N.A.	2.16
	87833-4420	N.A.	N.A.	2											
	87833-4421	N.A.	N.A.	3											2.92
	87833-4424	N.A.	N.A.	2	N.A.	N.A.	YES	YES							
	87833-4425	N.A.	N.A.	3											
46	87833-4619	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.	2											
	87833-4621	N.A.	N.A.	3											
48	87833-4819	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.	2											
	87833-4821	N.A.	N.A.	3											
50	87833-5019	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.	2											
	87833-5021	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

ADDED PIN 87833-1240	EC NO: 619199	DRWN BY: NMNAME02	DATE: 2019/03/29	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	molex®				
REV: A9	DRVN: NMNAME02	CHK'D: MRAMAKRISHNA	2019/06/18	MM	NTS						
REV: A9	APP'R: NMNAME02	CHK'D: MRAMAKRISHNA	2019/06/18	MM	INCH	GMENARLY	2015/09/29				
REV: A9	APP'R: NMNAME02	CHK'D: MRAMAKRISHNA	2019/06/18	3 PLACES	±	±	CGOH	2015/10/30			
REV: A9	APP'R: NMNAME02	CHK'D: MRAMAKRISHNA	2019/06/18	2 PLACES	± 0.2	±	KHILIM	2015/11/03			
REV: A9	APP'R: NMNAME02	CHK'D: MRAMAKRISHNA	2019/06/18	1 PLACES	±	±	ANGULAR TOL ± 3.0				
REV: A9	APP'R: NMNAME02	CHK'D: MRAMAKRISHNA	2019/06/18	0 PLACES	±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
REV: A9	APP'R: NMNAME02	CHK'D: MRAMAKRISHNA	2019/06/18				PRODUCT CUSTOMER DRAWING				
REV: A9	APP'R: NMNAME02	CHK'D: MRAMAKRISHNA	2019/06/18				SERIES	MATERIAL NUMBER	CUSTOMER		
REV: A9	APP'R: NMNAME02	CHK'D: MRAMAKRISHNA	2019/06/18				87833	SEE TABLE	GENERAL MARKET		
REV: A9	APP'R: NMNAME02	CHK'D: MRAMAKRISHNA	2019/06/18				DOCUMENT NUMBER	DOC TYPE	DOC PART	DOC NUMBER	GENERAL MARKET
REV: A9	APP'R: NMNAME02	CHK'D: MRAMAKRISHNA	2019/06/18				SD-87833-0001	PSD	001	9 OF 9	