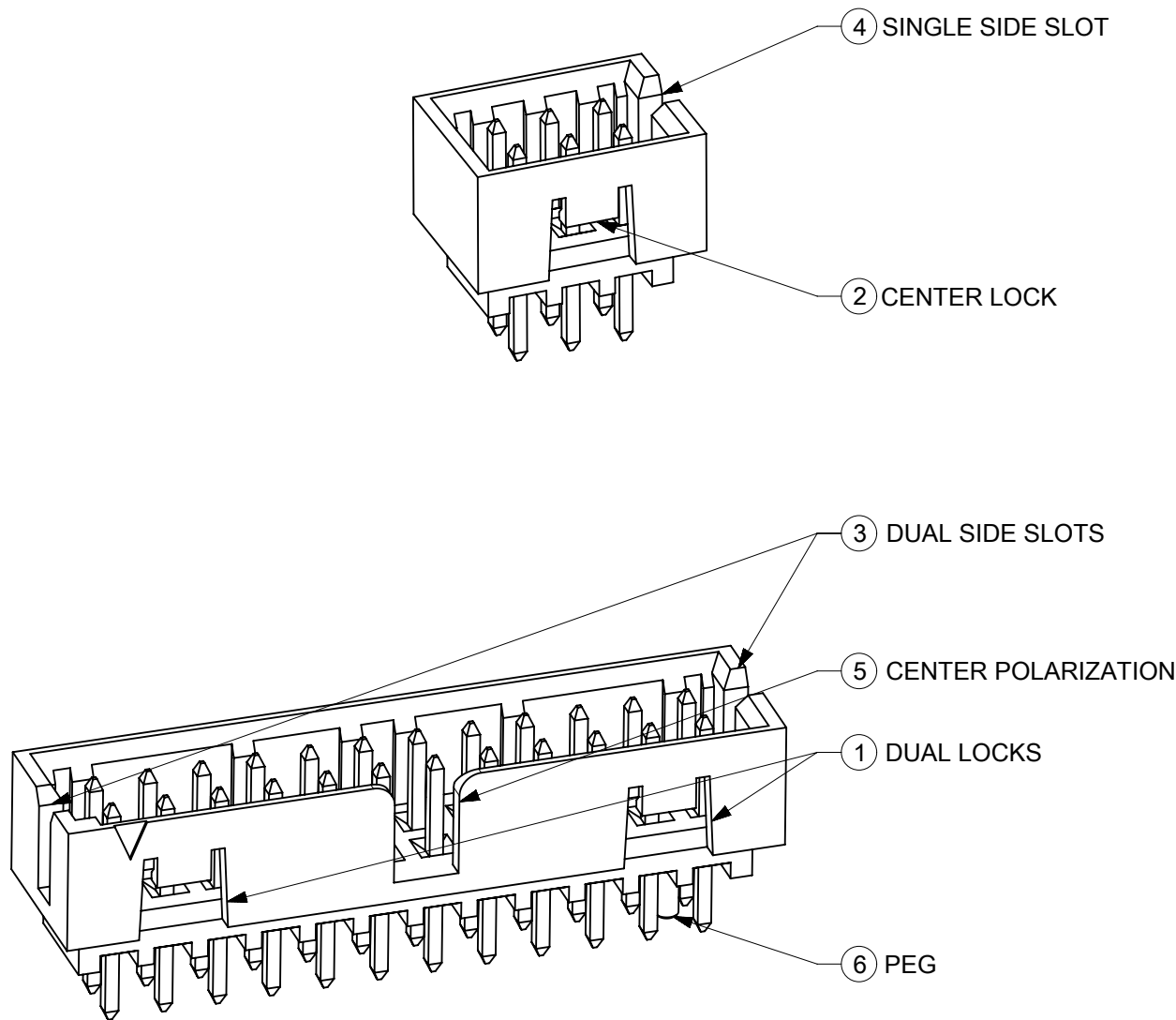


FEATURES SELECTION GUIDE



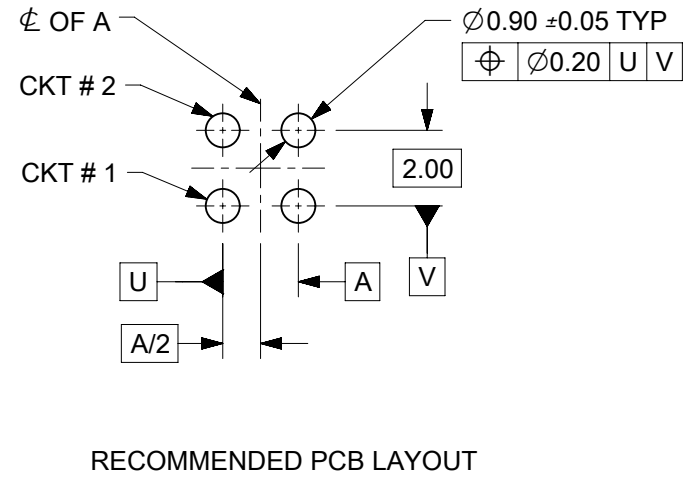
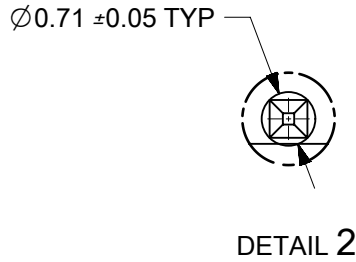
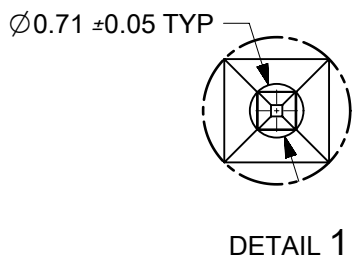
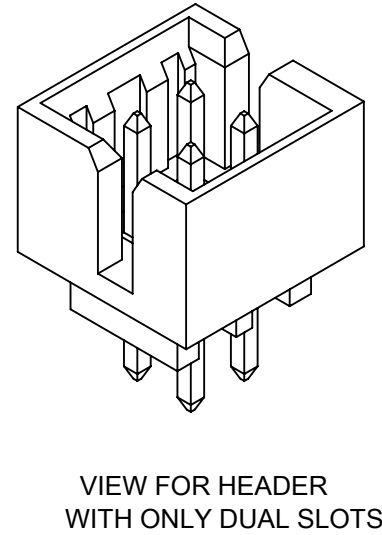
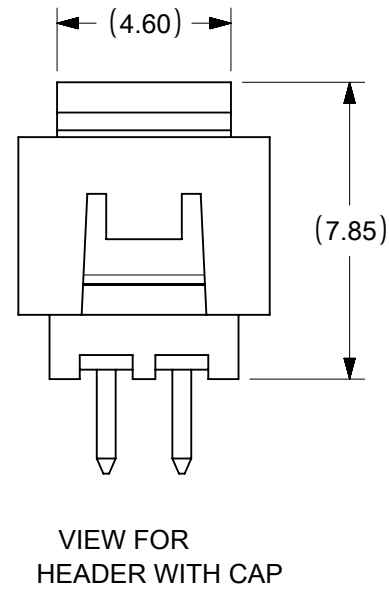
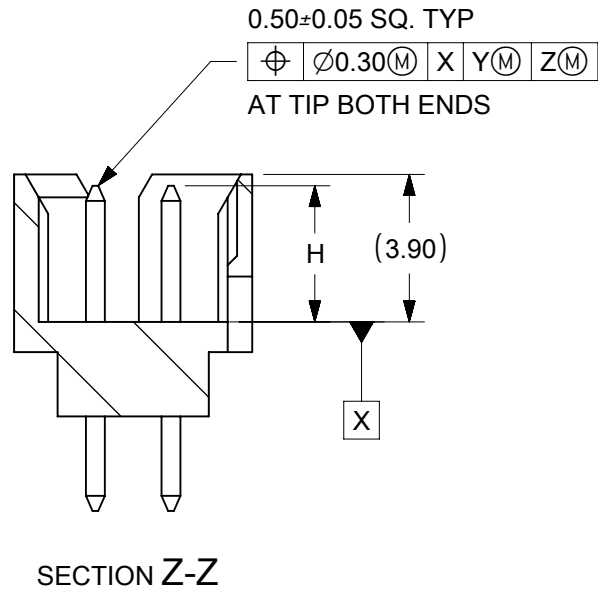
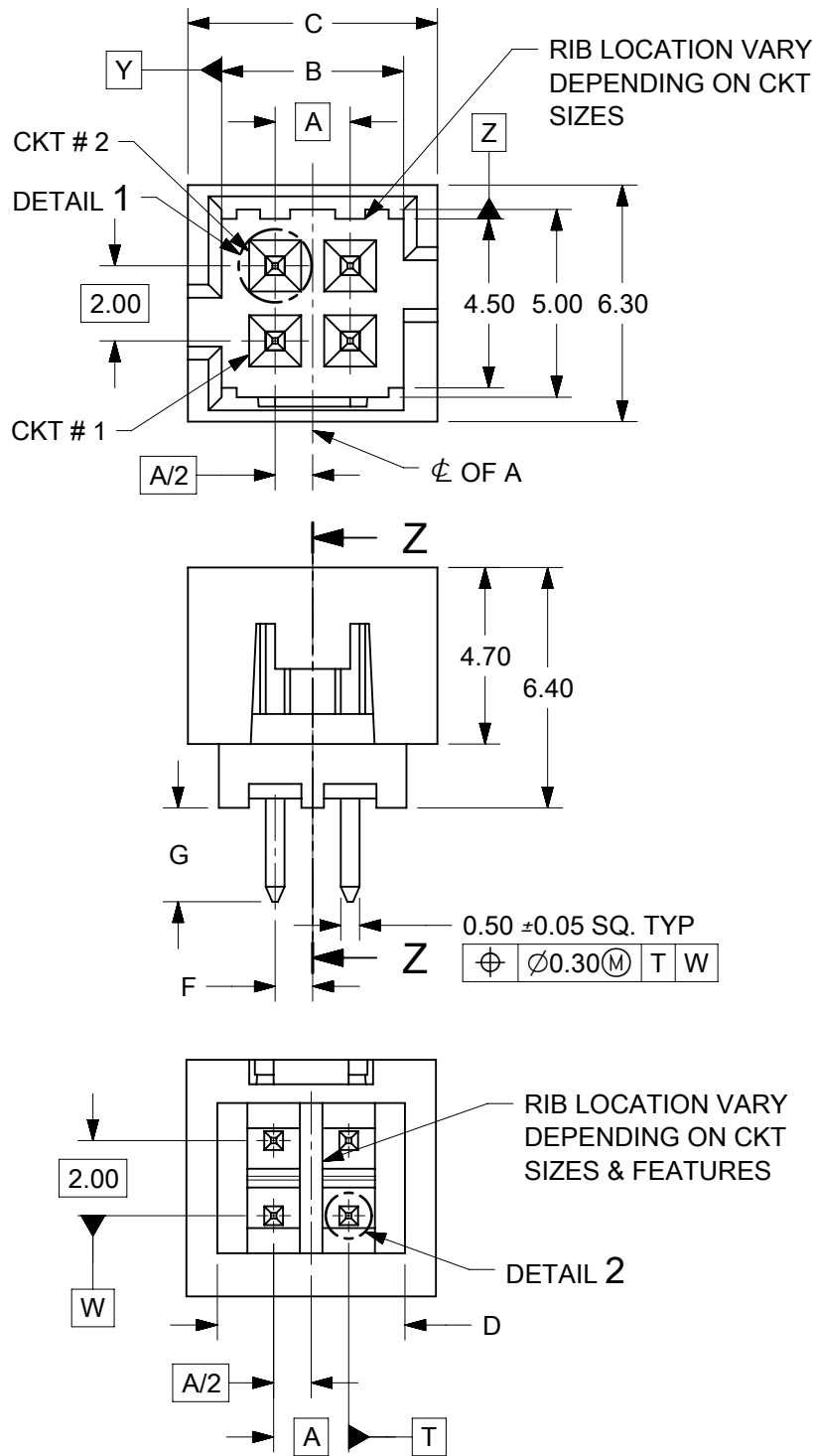
FEATURES							
CIRCUIT SIZE	FRICTION LOCKS		SIDE SLOTS		5 CENTER POLARIZATION	6 PEG	SHEET NO
	1 DUAL	2 CENTER	3 DUAL	4 SINGLE			
4	N.A	N.A	YES	N.A	N.A	N.A	2 - 3
	N.A	YES	YES	N.A	N.A	N.A	
	N.A	YES	N.A	YES	N.A	N.A	
6	N.A	N.A	YES	N.A	N.A	N.A	4 - 5
	N.A	N.A	YES	N.A	N.A	YES	
	N.A	YES	YES	N.A	N.A	N.A	
	N.A	YES	YES	N.A	N.A	YES	
	N.A	YES	N.A	YES	N.A	N.A	
	N.A	YES	N.A	YES	N.A	YES	
8 TO 12	N.A	N.A	YES	N.A	YES	N.A	6 - 8
	N.A	N.A	YES	N.A	YES	YES	
	N.A	YES	YES	N.A	N.A	N.A	
	N.A	YES	YES	N.A	N.A	YES	
	N.A	YES	N.A	YES	N.A	N.A	
	N.A	YES	N.A	YES	N.A	YES	
14 TO 50	YES	N.A	YES	N.A	YES	N.A	9 - 13
	YES	N.A	YES	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:		PK-87831-002
87831-0419	87831-0645	
87831-5141	87831-5119	
87831-0443	87831-1011	
87831-5241	87831-1420	
87831-5242		
87831-0643		

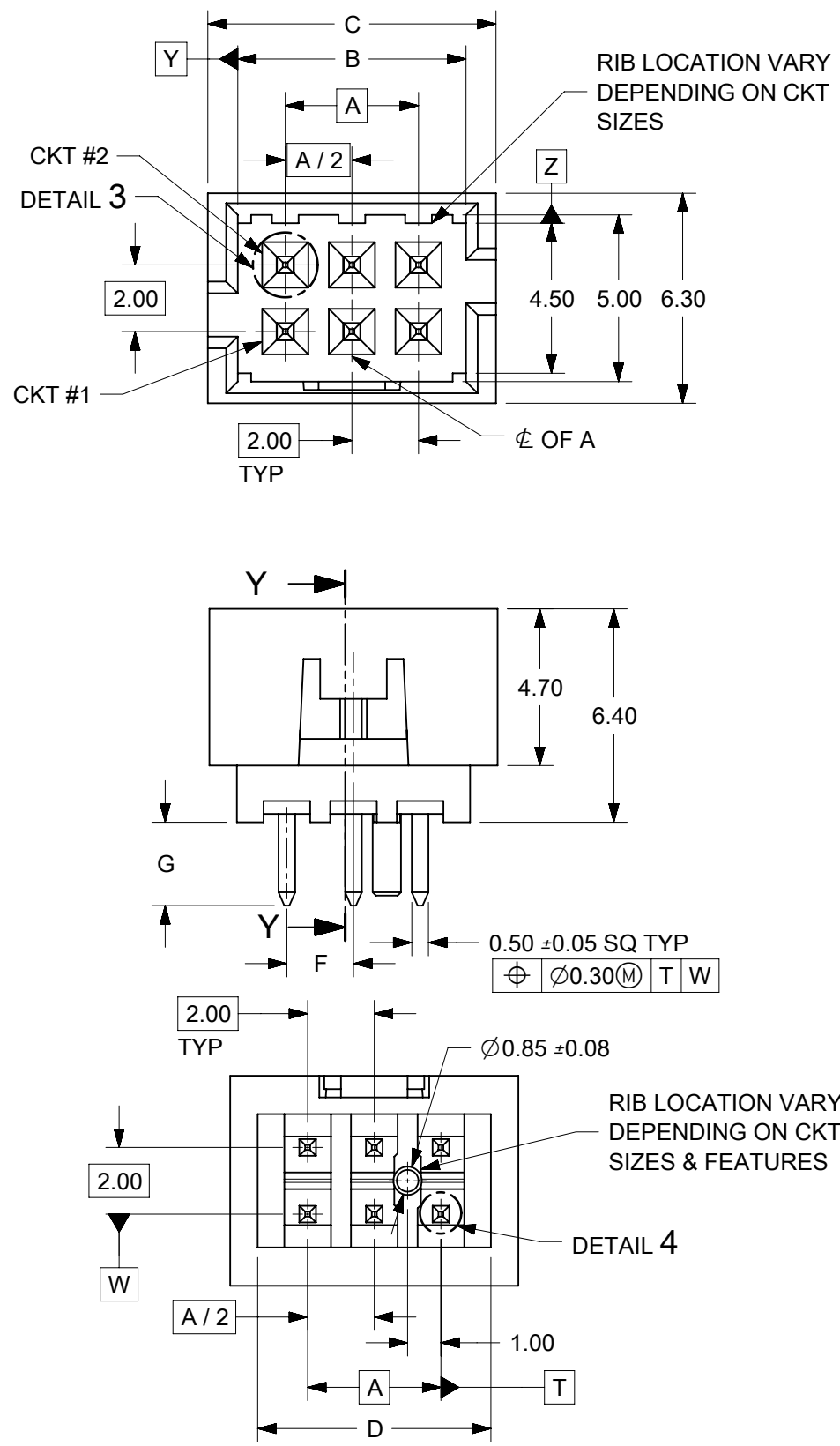
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
ADD P/N 87831-2445 EC NO: 601974 DRWN: SCS02 CHK'D: GJEEVANSURES APPR: ISHWARG	2018/07/26	2018/07/26	2018/08/03	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS MM		SCALE NTS		molex® MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER				
				MM	INCH	DRWN BY		DATE							
	4 PLACES	±	±	GMENARLY		2015/04/15									
	3 PLACES	±	±	CHK'D BY		DATE									
				2 PLACES	± 0.2	±	CGOH		2015/06/29		PRODUCT CUSTOMER DRAWING				
				1 PLACES	±	±	APPR BY		DATE						
				0 PLACES	±	±	KHLIM		2015/06/29						
	ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES	MATERIAL NUMBER					CUSTOMER	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				87831	SEE TABLE		GENERAL MARKET	
	A15	REV									DOCUMENT NUMBER SD-87831-0001		DOC TYPE PSD	DOC PART 001	SHEET NUMBER 1 OF 13

4 CIRCUITS

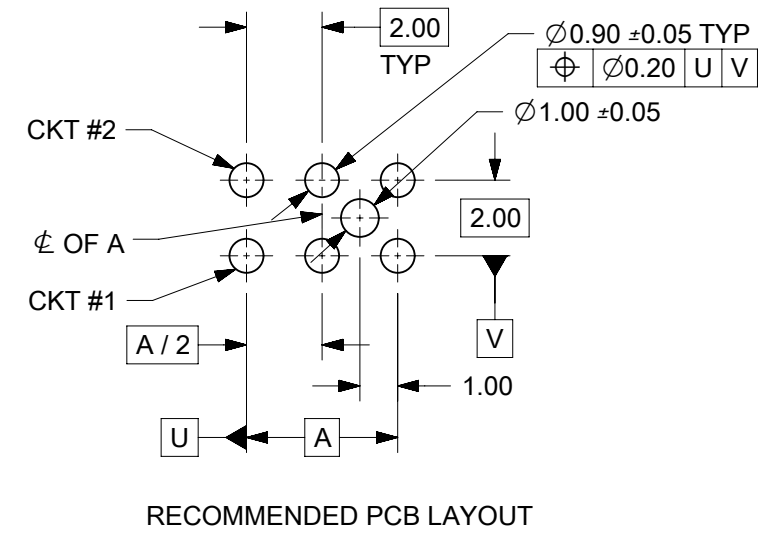
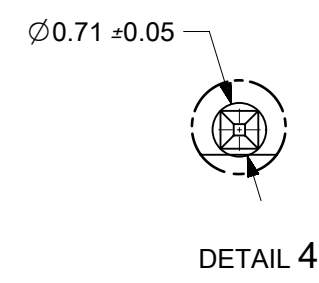
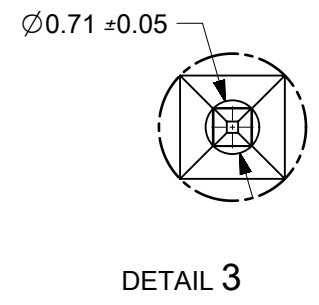
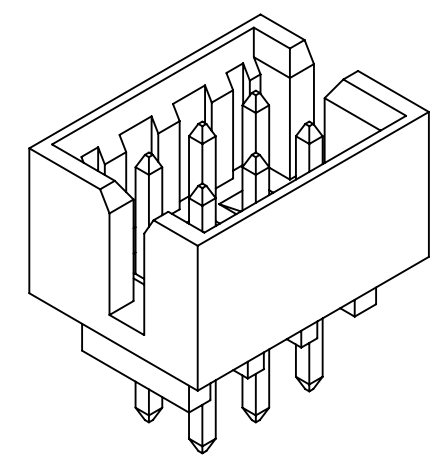
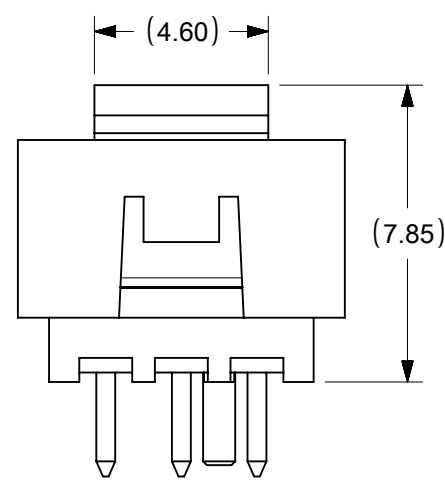
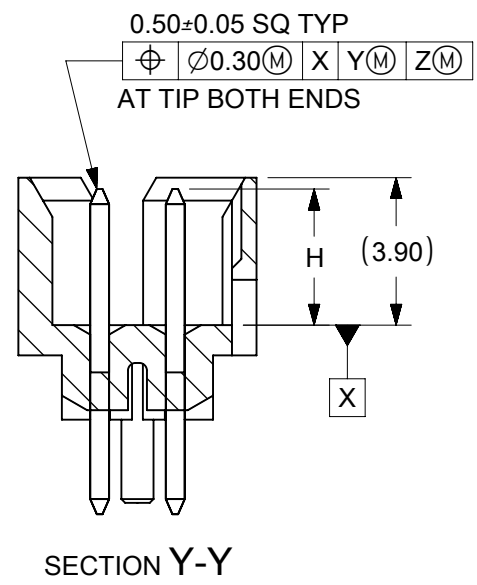


NOTES:
1. MATERIALS:
HOUSING: 30% GF, NYLON, UL94V-0, COLOR: BLACK
PIN: 0.50mm SQ. PHOSPHOR BRONZE
2. FINISHES: REFER TO PLATING OPTIONS
3. PRODUCT SPECIFICATION: PS-87831-027
4. PACKAGING SPECIFICATION: SEE PACKAGING SPECS TABLE ON SHEET 1
5. MATES WITH: A. MOLEX CRIMP RECEPTACLE HOUSING: 51110 SERIES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

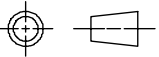
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
ADD P/N 87831-2445 EC NO: 601974 DRWN: SCS02 CHK'D: GJEEVANSURES REV APPR: ISHWARG		2018/07/26 2018/07/26 2018/08/03	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex®		
						MM		NTS				
				MM	INCH	DRWN BY		DATE		MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER		
			4 PLACES	±	±	GMENARLY		2015/04/15				
			3 PLACES	±	±	CHK'D BY		DATE				
			2 PLACES	± 0.2	±	CGOH		2015/06/29				
			1 PLACES	±	±	APPR BY		DATE				
			0 PLACES	±	±	KHLIM		2015/06/29		PRODUCT CUSTOMER DRAWING		
			ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				87831	SEE TABLE	GENERAL MARKET
DOCUMENT NUMBER		DOC TYPE								DOC PART	SHEET NUMBER	
A15		REV					SD-87831-0001		PSD	001	2 OF 13	



6 CIRCUITS

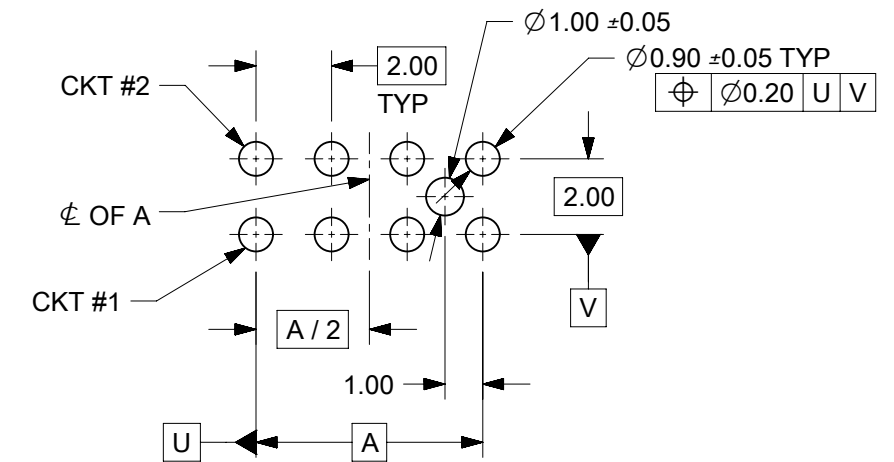
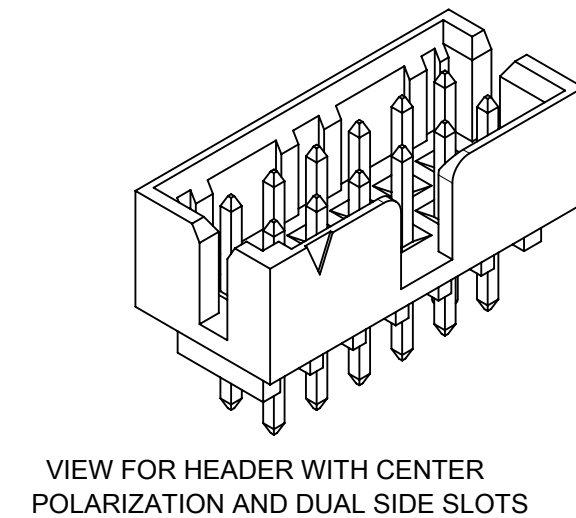
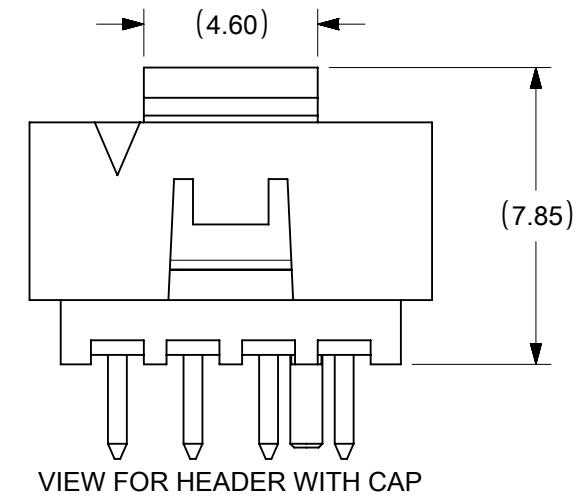
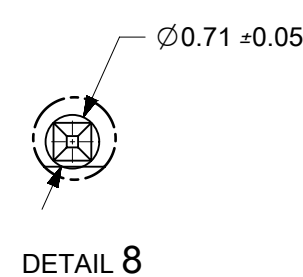
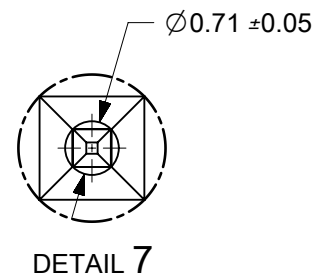
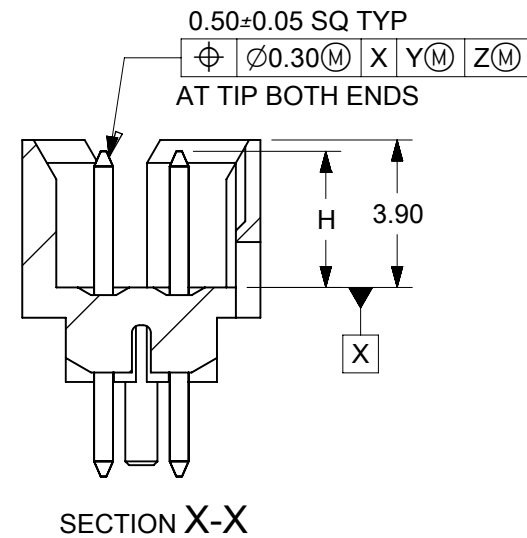
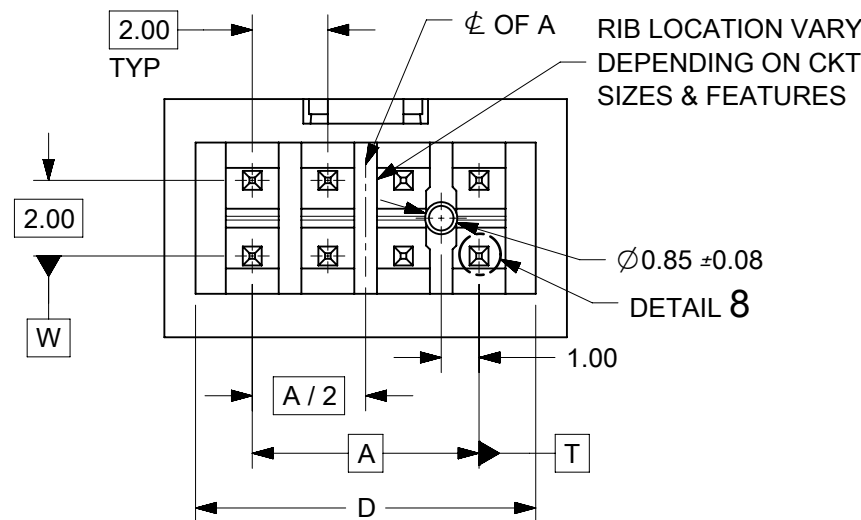
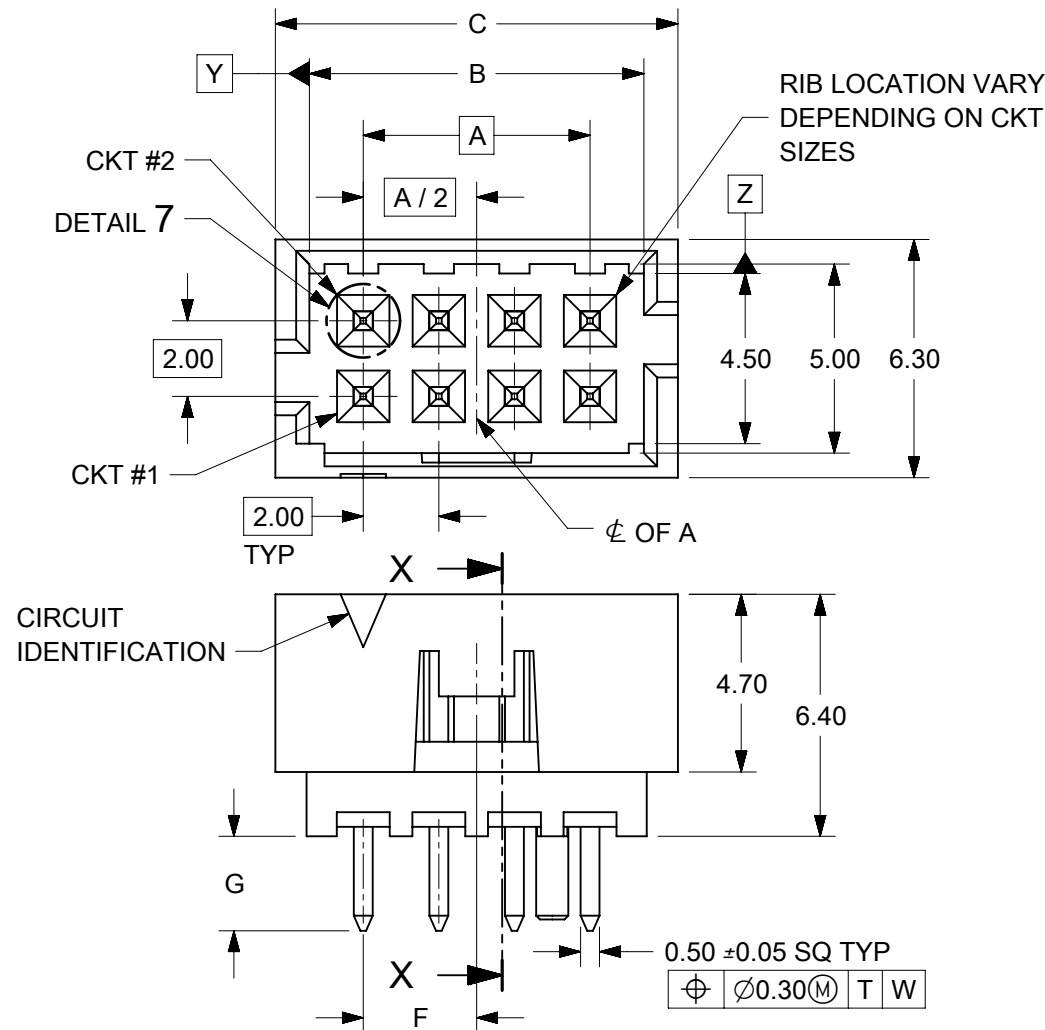


- NOTES:
1. MATERIALS:
HOUSING: 30% GF, NYLON, UL94V-0, COLOR: BLACK
PIN: 0.50mm SQ PHOSPHOR BRONZE
 2. FINISHES: REFER TO PLATING OPTIONS
 3. PRODUCT SPECIFICATION: PS-87831-027
 4. PACKAGING SPECIFICATION: SEE PACKAGING SPECS TABLE ON SHEET 1
 5. MATES WITH: A. MOLEX CRIMP RECEPTACLE HOUSING: 51110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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
ADD P/N 87831-2445 EC NO: 601974 DRWN: SCS02 CHK'D: GJEEVANSURES APPR: ISHWARG		2018/07/26	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex® MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER						
		2018/07/26			MM	MM	NTS									
		2018/08/03		MM	INCH	DRWN BY		DATE								
			4 PLACES	±	±	GMENARLY		2015/04/15								
			3 PLACES	±	±	CHK'D BY		DATE								
			2 PLACES	± 0.2	±	CGOH		2015/06/29								
			1 PLACES	±	±	APPR BY		DATE								
			0 PLACES	±	±	KHLIM		2015/06/29		PRODUCT CUSTOMER DRAWING						
		ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3											
A15		REV	SERIES 87831 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET													
			DOCUMENT NUMBER SD-87831-0001										DOC TYPE PSD	DOC PART 001	SHEET NUMBER 4 OF 13	

9		8		7		6		5		4		3		2		1								
6 CIRCUITS																								
CKT SIZE	ASSY P/N WITHOUT CAP IN TUBE	ASSY P/N WITH CAP IN TUBE	ASSY P/N WITH CAP IN T&R	PLATING OPTIONS	FRICTION LOCKS		SIDE SLOTS		CENTER POLARIZATION	PEG	DIMENSION													
					DUAL	CENTER	DUAL	SINGLE			A	B	C	D	E	F	G	H						
6	87831-0619	N.A	N.A	1	N.A	N.A	YES	N.A	N.A	N.A	4.00	6.85	8.65	7.00	N.A	N.A	2.50	3.60±0.20						
	87831-0620	N.A	N.A	2																				
	87831-0621	N.A	N.A	3																				
	87831-0636	N.A	N.A	4																				
	87831-0628	N.A	N.A	2	N.A	N.A	YES	N.A	N.A	YES						N.A	2.50							
	87831-0629	N.A	N.A	3																				
	87831-0641	N.A	N.A	2	N.A	YES	YES	N.A	N.A	N.A									2.00	2.50				
	87831-0642	N.A	87831-5552	3																	3.50			
	87831-5241	N.A	N.A	2	N.A	YES	YES	N.A	N.A	N.A						2.80								
	87831-5242	N.A	N.A	3													2.50							
	87831-6241	N.A	N.A	2	N.A	YES	YES	N.A	N.A	N.A								2.50						
	87831-6242	N.A	N.A	3															2.50					
	87831-0643	N.A	N.A	2	N.A	YES	N.A	YES	N.A	N.A						3.60 ^{+0.15} -0.10								
	87831-0644	N.A	N.A	3													2.50							
	87831-0645	N.A	N.A	2	N.A	YES	N.A	YES	N.A	YES								2.50						
	87831-0646	N.A	N.A	3															2.50					
	87831-0632	N.A	N.A	2	N.A	YES	YES	N.A	N.A	YES						2.50								
	87831-5119	N.A	N.A	1													N.A			N.A	YES	N.A	YES	N.A
	87831-5121	N.A	N.A	3																				
	87831-5136	N.A	N.A	4																				
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 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 GOLD IN CONTACT AREA AND 1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL.																								
4 - 2.50µm/100µin MIN. MATTE TIN OVER 1.25µm/50µin MIN. NICKEL OVERALL.																								
RELEASE STATUS		P1	RELEASE DATE		2018/08/03 00:10:23		9		8		7		6		5		4		3		2		1	
A15		REV	ADD P/N 87831-2445		EC NO: 601974		2018/07/26		DRWN: SCS02		2018/07/26		CHK'D: GJEEVANSURES		2018/08/03		APPR: ISHWARG		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE	
																			MM		NTS			
																			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					
																			A3					

8 TO 12 CIRCUITS

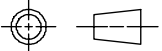


RECOMMENDED PCB LAYOUT

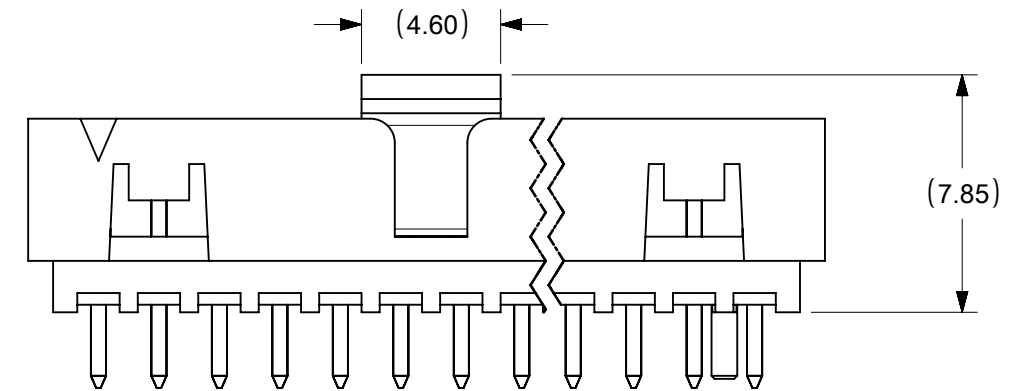
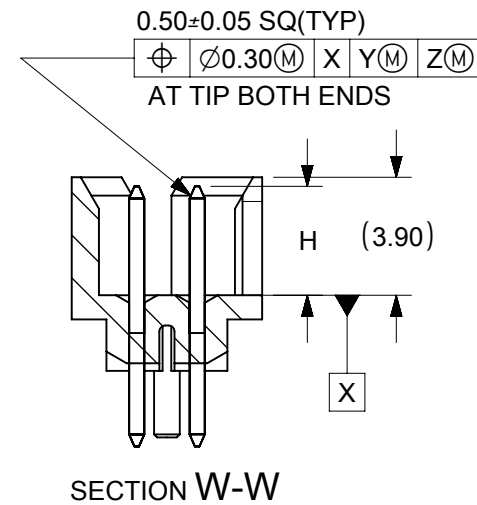
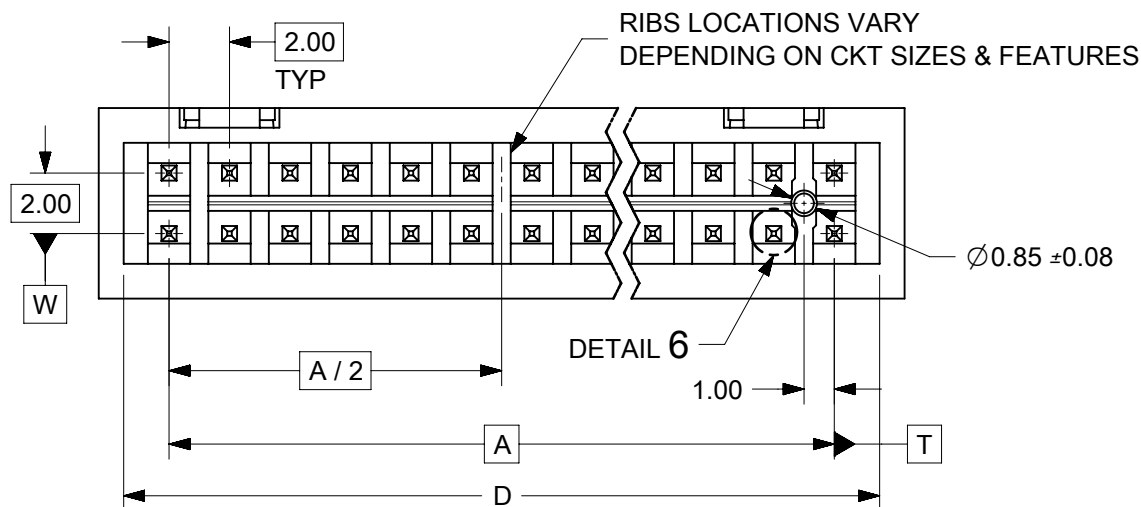
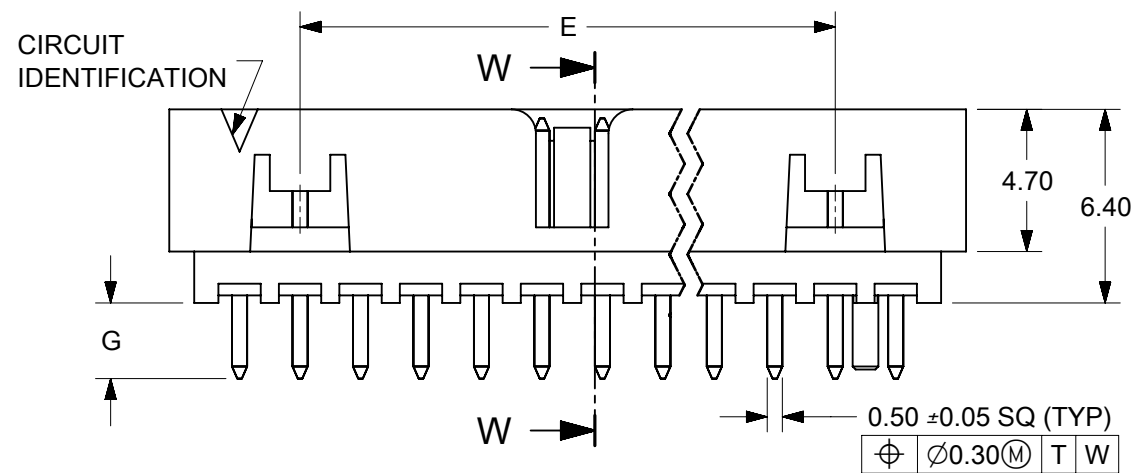
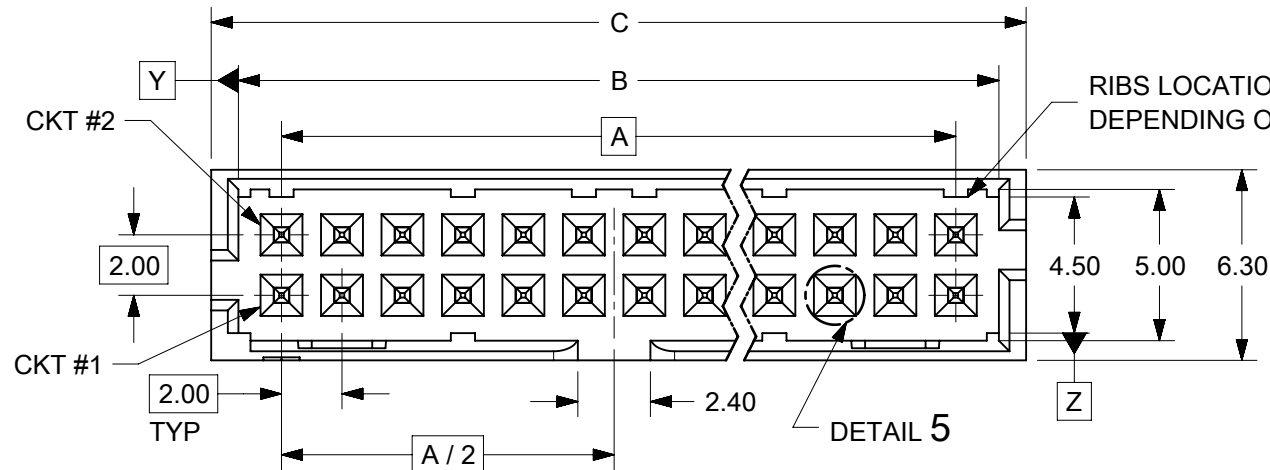
NOTES:

- 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)

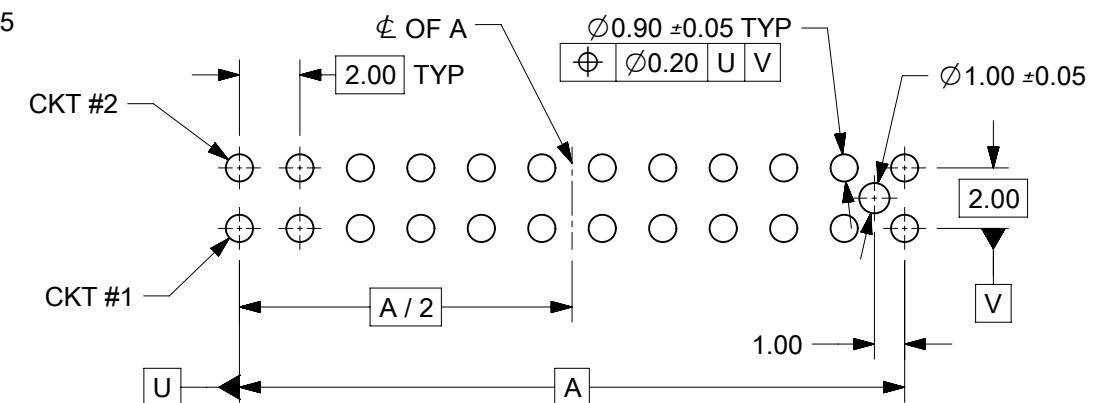
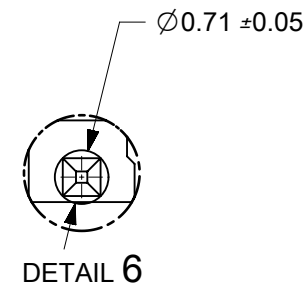
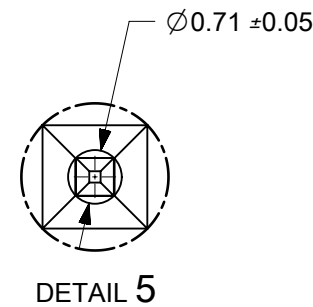
RELEASE STATUS	P1	RELEASE DATE	2018/08/03	00:10:23
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ADD P/N 87831-2445 EC NO: 601974 DRWN: SCS02 CHK'D: GJEEVANSURES REV APPR: ISHWARG	2018/07/26 2018/07/26 2018/08/03	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex® MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER				
					MM		NTS						
			MM	INCH	DRWN BY		DATE						
		4 PLACES	±	±	GMENARLY		2015/04/15						
		3 PLACES	±	±	CHK'D BY		DATE						
	2 PLACES	± 0.2	±	CGOH		2015/06/29		PRODUCT CUSTOMER DRAWING					
	1 PLACES	±	±	APPR BY		DATE							
	0 PLACES	±	±	KHLIM		2015/06/29							
	ANGULAR TOL = 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				87831		SEE TABLE		GENERAL MARKET	
DOCUMENT NUMBER SD-87831-0001								DOC TYPE PSD		DOC PART 001		SHEET NUMBER 6 OF 13	

14 TO 50 CIRCUITS



VIEW FOR HEADER WITH CAP



RECOMMENDED PCB LAYOUT

- 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)

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ADD P/N 87831-2445 EC NO: 601974 DRWN: SCS02 CHK'D: GJEEVANSURES APPR: ISHWARG		2018/07/26		2018/07/26		2018/08/03		molex® MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER PRODUCT CUSTOMER DRAWING <table><tr><td>SERIES</td><td>MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td></tr><tr><td>87831</td><td>SEE TABLE</td><td colspan="2">GENERAL MARKET</td></tr><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>SHEET NUMBER</td></tr><tr><td colspan="2">SD-87831-0001</td><td>PSD</td><td>001</td><td>9 OF 13</td></tr></table>		SERIES	MATERIAL NUMBER	CUSTOMER		87831	SEE TABLE	GENERAL MARKET		DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	SD-87831-0001		PSD	001	9 OF 13
		SERIES	MATERIAL NUMBER	CUSTOMER																							
		87831	SEE TABLE	GENERAL MARKET																							
		DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER																					
		SD-87831-0001		PSD	001	9 OF 13																					
		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE																					
			MM	INCH	DRWN BY	DATE																					
		4 PLACES	±	±	GMENARLY	2015/04/15																					
		3 PLACES	±	±	CHK'D BY	DATE																					
		2 PLACES	± 0.2	±	CGOH	2015/06/29																					
1 PLACES	±	±	APPR BY	DATE																							
0 PLACES	±	±	KHLIM	2015/06/29																							
ANGULAR TOL ± 3.0		DRAWING SIZE		THIRD ANGLE PROJECTION																							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3																									

9		8		7		6		5		4		3		2		1			
32 TO 40 CIRCUITS																			
E	CKT SIZE	ASSY P/N WITHOUT CAP IN TUBE	ASSY P/N WITH CAP IN TUBE	ASSY P/N WITH CAP IN T&R	PLATING OPTIONS	FRICTION LOCKS		SIDE SLOTS		CENTER POLARIZATION	PEG	DIMENSION							
						DUAL	CENTER	DUAL	SINGLE			A	B	C	D	E	F	G	H
	32	87831-3219	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	30.00	32.85	34.65	33.00	26.00	N.A	2.50	3.60±0.20
		87831-3220	N.A	N.A	2														
		87831-3221	N.A	N.A	3														
		87831-3236	N.A	N.A	4														
		87831-3228	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES						2.50		
87831-3229	N.A	N.A	3																
D	34	87831-3419	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	32.00	34.85	36.65	35.00	28.00	N.A	2.50	3.60±0.20
		87831-3420	N.A	N.A	2														
		87831-3421	N.A	N.A	3														
		87831-3436	N.A	N.A	4														
		87831-3428	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES						2.50		
		87831-3429	N.A	N.A	3														
		87831-3435	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES						3.50		
C	36	87831-3619	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	34.00	36.85	38.65	37.00	30.00	N.A	2.50	3.60±0.20
		87831-3620	N.A	87831-5564	2														
		87831-3621	N.A	N.A	3														
		87831-3636	N.A	N.A	4														
		87831-3628	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES						2.50		
		87831-3629	N.A	N.A	3														
	38	87831-3819	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A						36.00	38.85	
87831-3820		N.A	N.A	2															
87831-3821		N.A	N.A	3															
87831-3836		N.A	N.A	4															
87831-3828		N.A	N.A	2	YES	N.A	YES	N.A	YES	YES	2.50								
87831-3829		N.A	N.A	3															
B	40	87831-4019	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	38.00	40.85	42.65	41.00	34.00			N.A
		87831-4020	N.A	N.A	2														
		87831-4021	N.A	N.A	3														
		87831-4036	N.A	N.A	4														
		87831-4028	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES						2.50		
		87831-4029	N.A	N.A	3														
		87831-4010	N.A	N.A	2	YES	N.A	YES	N.A	YES	N.A						3.50		
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 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 GOLD IN CONTACT AREA AND 1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL.																			
4 - 2.50µm/100µin MIN. MATTE TIN OVER 1.25µm/50µin MIN. NICKEL OVERALL.																			
RELEASE STATUS	P1	RELEASE DATE	2018/08/03	00:10:23															
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

ADD P/N 87831-2445

EC NO: 601974

DRWN: SCS02

CHK'D: GJEEVANSURES

REV / APPR: ISHWARG

2018/07/26

2018/07/26

2018/08/03

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

2015/04/15

CHK'D BY

DATE

CGOH

2015/06/29

APPR BY

DATE

KHLIM

2015/06/29

DRAWING SIZE

A3

THIRD ANGLE PROJECTION

87831

SERIES

87831

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

DOCUMENT NUMBER

SD-87831-0001

DOC TYPE

PSD

DOC PART

001

SHEET NUMBER

12 OF 13

molex®

MILLIGRID

2MM PITCH, THROUGH HOLE VERTICAL SHROUDED
HEADER

PRODUCT CUSTOMER DRAWING

F

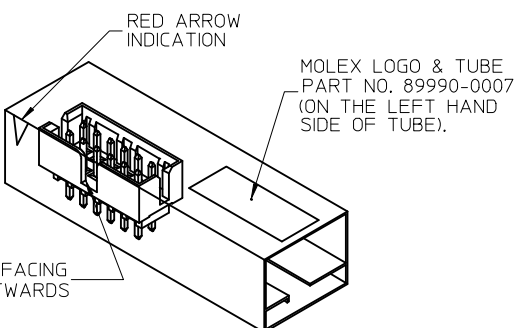
E

D

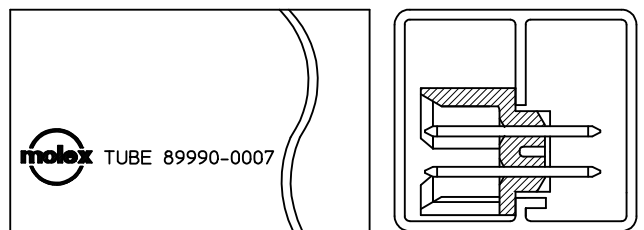
C

B

A



REF : ORIENTATION OF PART IN TUBE
(FOR THE REFERENCE OF PART/TUBE ASSEMBLY)



ORIENTATION OF PART IN TUBE

P/N IN TUBE	CKT SIZE	VOID PIN LOCATION	DIMENSION				
			A	B	C	D	E
87831-06**	6	---	8.65	4.00	7.00	6.85	---
87831-08**	8	---	10.65	6.00	9.00	8.85	---
87831-10**	10	---	12.65	8.00	11.00	10.85	---
87831-12**	12	---	14.65	10.00	13.00	12.85	---
87831-14**	14	---	16.65	12.00	15.00	14.85	8.00
87831-16**	16	---	18.65	14.00	17.00	16.85	10.00
87831-18**	18	---	20.65	16.00	19.00	18.85	12.00
87831-20**	20	---	22.65	18.00	21.00	20.85	14.00
87831-22**	22	---	24.65	20.00	23.00	22.85	16.00
87831-24**	24	---	26.65	22.00	25.00	24.85	18.00
87831-26**	26	---	28.65	24.00	27.00	26.85	20.00
87831-28**	28	---	30.65	26.00	29.00	28.85	22.00
87831-30**	30	---	32.65	28.00	31.00	30.85	24.00
87831-32**	32	---	34.65	30.00	33.00	32.85	26.00
87831-34**	34	---	36.65	32.00	35.00	34.85	28.00
87831-36**	36	---	38.65	34.00	37.00	36.85	30.00
87831-38**	38	---	40.65	36.00	39.00	38.85	32.00
87831-40**	40	---	42.65	38.00	41.00	40.85	34.00
87831-42**	42	---	44.65	40.00	43.00	42.85	36.00
87831-44**	44	---	46.65	42.00	45.00	44.85	38.00
87831-46**	46	---	48.65	44.00	47.00	46.85	40.00
87831-48**	48	---	50.65	46.00	49.00	48.85	42.00
87831-50**	50	---	52.65	48.00	51.00	50.85	44.00
87831-5128	24	12	26.65	22.00	25.00	24.85	18.00

PART NUMBER LEGEND :

87831 - * * * *
|
PLATING OPTIONS

- 28 - 0.38um/15uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
29 - 0.76um/30uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.

PDR No: S-000981-00-00 EC NO: S2005-0998 DRWN:YLOIAO CHKD:PTLI APPR:SKTOH	REV A4	DESCRIPTION QUALITY SYMBOLS ▽=0 C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					DRAWN BY ATSEE	DATE 2003/10/08	TITLE SALES DRAWING MGRID, SHROUDED HEADER VERTICAL, W/PEG MOLEX INCORPORATED					
					CHECKED BY KCLING	DATE 2003/11/07						
					APPROVED BY SKTOH	DATE 2003/11/07	DOCUMENT NO. SD-87831-020					
			ANGULAR ± 3 °			MATERIAL NO. SEE TABLE			SHEET NO. 2 OF 2			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						