

## Excellent Integrated System Limited

Stocking Distributor

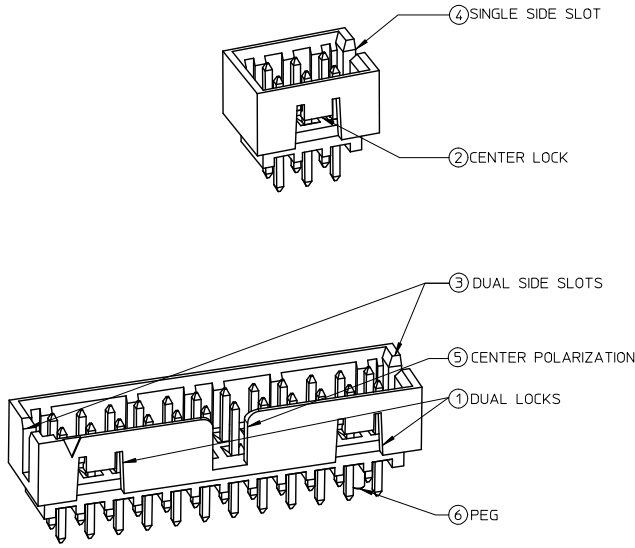
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0878312010](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

FEATURES SELECTION GUIDE



CIRCUIT SIZE	FEATURES						SHEET NO
	FRICTION LOCKS		SIDE SLOTS		⑤ CENTER POLARIZATION	⑥ PEG	
	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	

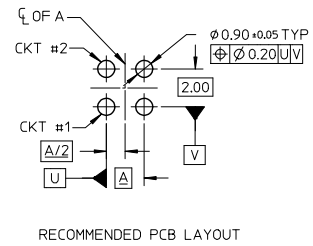
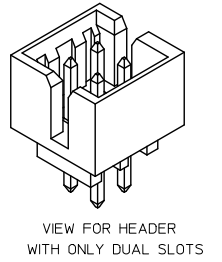
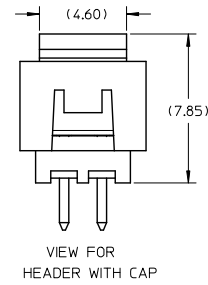
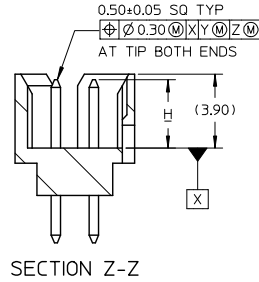
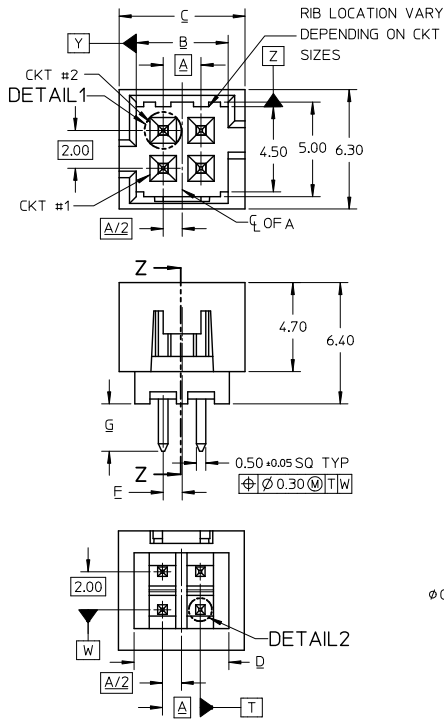
PACKAGING SPECIFICATION TABLE

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    87831-0632	
87831-0443    87831-5119	
87831-5241    87831-1011	
87831-5242    87831-1420	
87831-0643	

<b>ADD PK TABLE</b> EC NO: S2017-0022 DRAWN BY: 2016/07/04 CHECKED BY: 2016/07/27 APPR: KHLIM 2016/07/28 REV: A5	QUALITY SYMBOLS $\nabla=0$ $\nabla=0$ $\nabla=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±0.20</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>0 PLACE</td> <td>±---</td> <td>±---</td> </tr> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.20	±---	1 PLACE	±---	±---	0 PLACE	±---	±---	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY: G MENARLY    DATE: 2015/04/15 CHECKED BY: CGOH    DATE: 2015/06/29 APPROVED BY: KHLIM    DATE: 2015/06/29	SCALE: NTS DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER 	MATERIAL NO. SEE TABLE DOCUMENT NO. SD-87831-0001 SHEET NO. 1 OF 13
		mm	INCH																					
	4 PLACES	±---	±---																					
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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																						

10 9 8 7 6 5 4 3 2 1

4 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)

EDIT NOTE 4 EC NO: S2017-0022 DRAWN: MENARLY 2016/07/04 CHKD: SCHEONG 2016/07/27 APPR: KHLIM 2016/07/28 REV A5	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																		
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		mm	INCH																					
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1 PLACE	±---	±---																						
0 PLACE	±---	±---																						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ± 3°	DRAWN BY: GMENARLY CHECKED BY: CGOH APPROVED BY: KHLIM DATE: 2015/04/15 DATE: 2015/06/29 DATE: 2015/06/29	TITLE	MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER																				
		SEE TABLE	MATERIAL NO.	DOCUMENT NO.	SHEET NO. 2 OF 13																			

9 8 7 6 5 4 3 2 1



10 9 8 7 6 5 4 3 2 1

4 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
E 4	87831-0419	N.A	N.A	1	N.A	N.A	YES	N.A	N.A	N.A	2.00	4.85	6.65	5.00	N.A	N.A	2.50	3.60 <sup>+0.15</sup> <sub>-0.30</sub>
	87831-0420	N.A	N.A	2														
	87831-0421	N.A	N.A	3														
	87831-0436	N.A	N.A	4	N.A	YES	YES	N.A	N.A	N.A						1.00	2.50	
	87831-0441	87831-0456	N.A	2														
	87831-0442	N.A	N.A	3	N.A	YES	YES	N.A	N.A	N.A						2.80		
	87831-5141	N.A	N.A	2														
	87831-5142	N.A	N.A	3	N.A	YES	YES	N.A	N.A	N.A						2.50		
	87831-6141	N.A	N.A	2														
	87831-6142	N.A	N.A	3	N.A	YES	N.A	YES	N.A	N.A						2.50		
87831-6143	N.A	N.A	2															
87831-0443	N.A	N.A	2	N.A	YES	N.A	YES	N.A	N.A	2.50								
87831-0444	N.A	N.A	3															

PLATING OPTIONS:

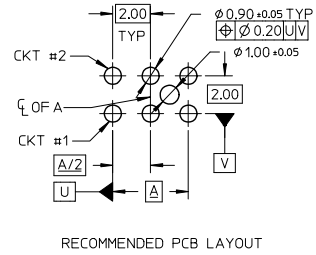
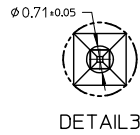
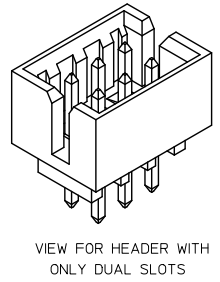
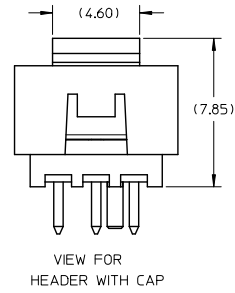
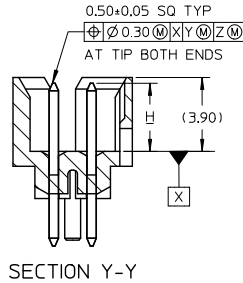
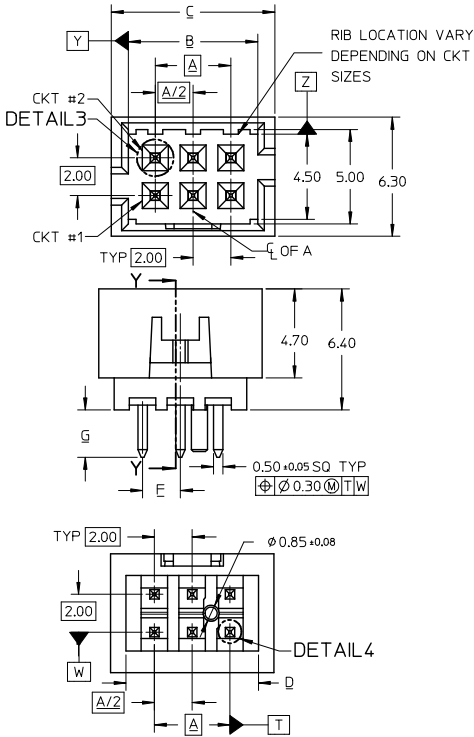
- 1 - 0.05-0.13um/2-5uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 2 - 0.38um/15uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 3 - 0.76um/30uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTETIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 4 - 2.50um/100uin MIN. MATTE TIN OVER 1.25um/50uin MIN. NICKEL OVERALL.

<p>SEE SHEET 1,2,4,6,8-10</p> <p>EC NO: S2017-0022</p> <p>DRAWN BY: 2016/07/04</p> <p>CHKD: SCHEONG 2016/07/27</p> <p>APPR: KHLIM 2016/07/28</p> <p>REV: A5</p>	<p>QUALITY SYMBOLS</p> <p>√=0</p> <p>√=0</p> <p>√=0</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.20</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table> <p>ANGULAR ± 3°</p> <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± ---	± ---	0 PLACE	± ---	± ---	<p>DIMENSION STYLE</p> <p>MM ONLY</p> <p>DRAWN BY: GMENARLY DATE: 2015/04/15</p> <p>CHECKED BY: CGOH DATE: 2015/06/29</p> <p>APPROVED BY: KHLIM DATE: 2015/06/29</p> <p>MATERIAL NO. SEE TABLE</p> <p>SIZE: A3</p>	<p>SCALE: NTS</p> <p>DESIGN UNITS: METRIC</p> <p>THIRD ANGLE PROJECTION</p> <p>TITLE: MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER</p> <p><b>molex</b></p> <p>DOCUMENT NO. SD-87831-0001</p> <p>SHEET NO. 3 OF 13</p>
		mm	INCH																			
	4 PLACES	± ---	± ---																			
	3 PLACES	± ---	± ---																			
2 PLACES	± 0.20	± ---																				
1 PLACE	± ---	± ---																				
0 PLACE	± ---	± ---																				
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fb\_frame\_A3\_P\_AM\_T  
Rev. G 2012/01/11

9 8 7 6 5 4 3 2 1

6 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: 5110 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)

EDIT NOTE 4 EC NO: S2017-0022 DRAWN: GMENARLY 2016/07/06 CHECKED: CHEUNG 2016/07/27 APPR: KHL IM 2016/07/28 REV A5	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	MM ONLY	NTS	METRIC	
	DESCRIPTION	ANGULAR ± 3°	DRAWN BY DATE	TITLE		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	GMENARLY 2015/04/15	MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER		
		CHECKED BY DATE	DOCUMENT NO.			
		CGOH 2015/06/29	SD-87831-0001			
		APPROVED BY DATE	SHEET NO.			
		KHL IM 2015/06/29	4 OF 13			
		MATERIAL NO.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		SEE TABLE				
		SIZE A3				



10 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	N.A	N.A	YES	N.A	N.A	YES						N.A	N.A		N.A	N.A	N.A	2.50	3.60±0.15
	87831-0628	N.A	N.A	2																			
	87831-0629	N.A	N.A	3																			
	87831-0641	N.A	N.A	2	N.A	YES	YES	N.A	N.A	N.A						N.A	N.A		N.A	N.A	N.A	2.50	3.60±0.10
	87831-0642	N.A	87831-5552	3																			
	87831-5241	N.A	N.A	2																			
	87831-5242	N.A	N.A	3	N.A	YES	YES	N.A	N.A	N.A						N.A	N.A		N.A	N.A	N.A	2.50	3.60±0.10
	87831-6241	N.A	N.A	2																			
	87831-6242	N.A	N.A	3																			
87831-0643	N.A	N.A	2	N.A	YES	N.A	YES	N.A	N.A	N.A	N.A	N.A	N.A	N.A	2.50	3.60±0.10							
87831-0644	N.A	N.A	3																				
87831-0645	N.A	N.A	2																				
87831-0646	N.A	N.A	3	N.A	YES	YES	N.A	N.A	YES	N.A	N.A	N.A	N.A	N.A	2.50	3.60±0.10							
87831-0632	N.A	N.A	2																				
87831-5119	N.A	N.A	1																				

PLATING OPTIONS:

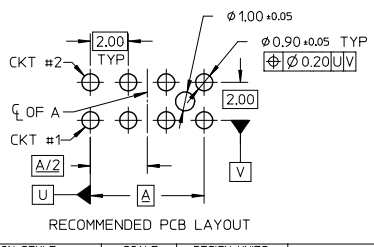
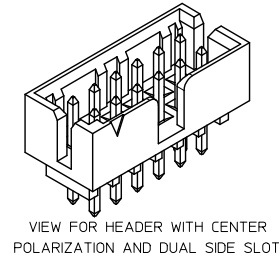
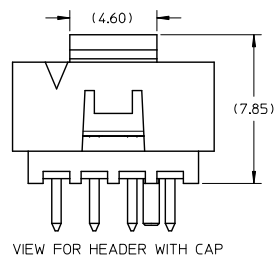
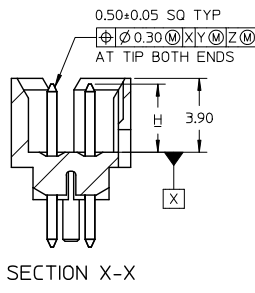
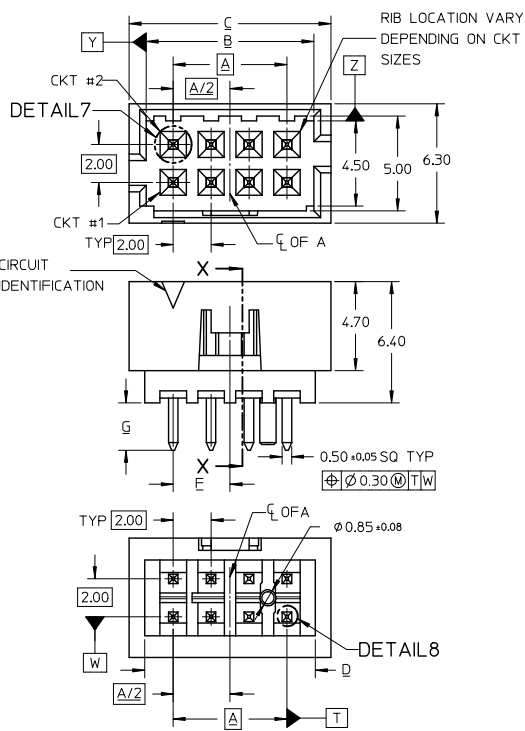
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	$\nabla=0$ $\nabla=0$ $\nabla=0$	mm    INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- ANGULAR ± 3°	MM ONLY	NTS	METRIC		
	DRAWN BY: GMENARLY    DATE: 2015/04/15 CHECKED BY: CGOH    DATE: 2015/06/29 APPROVED BY: KHLIM    DATE: 2015/06/29	TITLE: MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87831-0001	SHEET NO. 5 OF 13
	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

1b\_frame\_A3\_P\_AM\_T Rev. G 2012/01/11 9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

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
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	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: GMENARLY 2015/04/15 CHECKED BY: CGOH 2015/06/29 APPROVED BY: KHLIM 2015/06/29	TITLE			
		MATERIAL NO. SEE TABLE SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DOCUMENT NO. SD-87831-0001 SHEET NO. 6 OF 13	MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER <b>molex</b>		

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

8 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	FRICITION LOCKS				SIDE SLOTS		CENTER POLARIZATION	PEG	DIMENSION										
					DUAL	CENTER	DUAL	SINGLE	A	B			C	D	E	F	G	H					
8	87831-0819	N.A	N.A	1																			
	87831-0820	N.A	N.A	2																			
	87831-0821	N.A	N.A	3		N.A	N.A	YES	N.A	YES	N.A						N.A	2.50					
	87831-0836	N.A	N.A	4																			
	87831-0828	N.A	N.A	2																			
	87831-0829	N.A	N.A	3		N.A	N.A	YES	N.A	YES	YES						N.A	2.50					
	87831-0841	N.A	87831-5551	2																			
	87831-0842	N.A	N.A	3		N.A	YES	YES	N.A	N.A	N.A										2.50		
	87831-5441	N.A	N.A	2		N.A	YES	YES	N.A	N.A	N.A	6.00	8.85	10.65	9.00	N.A					3.50	3.60±0.20	
	87831-5442	N.A	N.A	3																			
	87831-5541	N.A	N.A	2		N.A	YES	YES	N.A	N.A	N.A												
	87831-5542	N.A	N.A	3																			
	87831-5741	N.A	N.A	2		N.A	YES	YES	N.A	N.A	N.A												
	87831-5742	N.A	N.A	3																			
	87831-0832	N.A	N.A	2		N.A	YES	YES	N.A	N.A	YES												
87831-0843	N.A	N.A	2																				
87831-0844	N.A	N.A	3		N.A	YES	N.A	YES	N.A	N.A											2.50	3.60 <sup>+0.15</sup> <sub>-0.10</sub>	
87831-0845	N.A	N.A	2																				
87831-0846	N.A	N.A	3		N.A	YES	N.A	YES	N.A	YES												2.50	

8 CIRCUITS

PLATING OPTIONS:

- 0.05-0.13um/2-5uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 0.38um/15uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 0.76um/30uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 2.50um/100uin MIN. MATTE TIN OVER 1.25um/50uin MIN. NICKEL OVERALL.

SEE SHEET 12,4,6,8-10 EC NO: S2017-0022 DRAWN BY: GEMENARLY 2016/07/04 CHECKED BY: CHIKO-SICHONG 2016/07/27 APPR: KHLIM 2016/07/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$ $\nabla=0$	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	MM ONLY	NTS	METRIC	
	DRAWN BY: GEMENARLY 2015/04/15 CHECKED BY: CGOH 2015/06/29 APPROVED BY: KHLIM 2015/06/29	ANGULAR ± 3° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: GEMENARLY 2015/04/15 CHECKED BY: CGOH 2015/06/29 APPROVED BY: KHLIM 2015/06/29	TITLE MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER		
	MATERIAL NO. SEE TABLE DOCUMENT NO. SD-87831-0001 SHEET NO. 7 OF 13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

ib\_frame\_A3\_P\_AM\_T Rev. G 2012/01/11 9 8 7 6 5 4 3 2 1



10 9 8 7 6 5 4 3 2 1

10 TO 12 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	FRICITION LOCKS				SIDE SLOTS		CENTER POLARIZATION	PEG	DIMENSION							
					DUAL	CENTER	DUAL	SINGLE	A	B			C	D	E	F	G	H		
10	87831-1019	N.A	N.A	1									8.00	10.85	12.65	11.00	N.A	N.A	2.50	3.60±0.20
	87831-1020	N.A	N.A	2																
	87831-1021	N.A	N.A	3	N.A	N.A	YES	N.A	YES	N.A										
	87831-1036	N.A	N.A	4																
	87831-1010	N.A	N.A	2																
	87831-1011	N.A	N.A	3	N.A	N.A	YES	N.A	YES	N.A										
	87831-1028	N.A	N.A	2																
	87831-1029	N.A	87831-5557	3	N.A	N.A	YES	N.A	YES	YES										
	87831-1035	N.A	N.A	3	N.A	N.A	YES	N.A	YES	YES										
	87831-1041	N.A	N.A	2																
	87831-1042	N.A	87831-5553	3	N.A	YES	YES	N.A	N.A	N.A										
	87831-1032	N.A	N.A	2	N.A	YES	YES	N.A	N.A	YES										
87831-1043	N.A	N.A	2																	
87831-1044	N.A	N.A	3	N.A	YES	N.A	YES	N.A	N.A											
87831-1045	N.A	N.A	2																	
87831-1046	N.A	N.A	3	N.A	YES	N.A	YES	N.A	YES											
12	87831-1219	N.A	N.A	1								10.00	12.85	14.65	13.00	N.A	N.A	2.50	3.60±0.20	
	87831-1220	N.A	87831-5556	2																
	87831-1221	N.A	N.A	3	N.A	N.A	YES	N.A	YES	N.A										
	87831-1236	N.A	N.A	4																
	87831-1228	N.A	N.A	2																
	87831-1229	N.A	87831-5558	3	N.A	N.A	YES	N.A	YES	YES										
	87831-1241	N.A	N.A	2																
	87831-1242	N.A	N.A	3	N.A	YES	YES	N.A	N.A	N.A										
	87831-1255	87831-1256	N.A	2	N.A	YES	YES	N.A	N.A	N.A										
	87831-1232	N.A	N.A	2	N.A	YES	YES	N.A	N.A	YES										
	87831-1243	N.A	N.A	2																
	87831-1244	N.A	N.A	3	N.A	YES	N.A	YES	N.A	N.A										
87831-1245	N.A	N.A	2																	
87831-1246	N.A	N.A	3	N.A	YES	N.A	YES	N.A	YES											

PLATING OPTIONS:

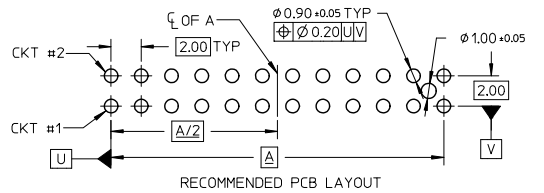
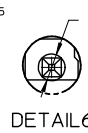
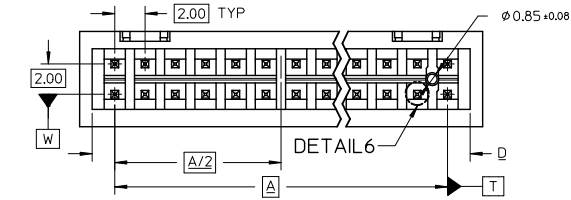
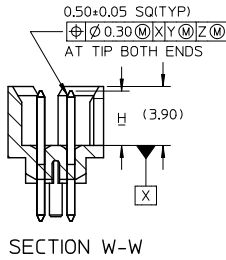
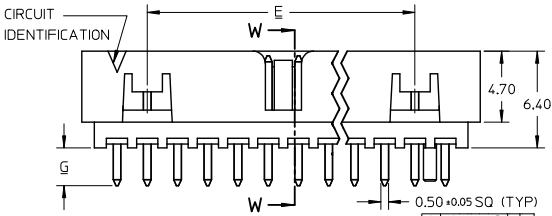
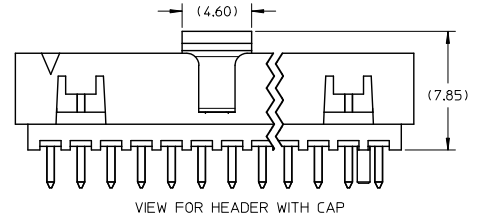
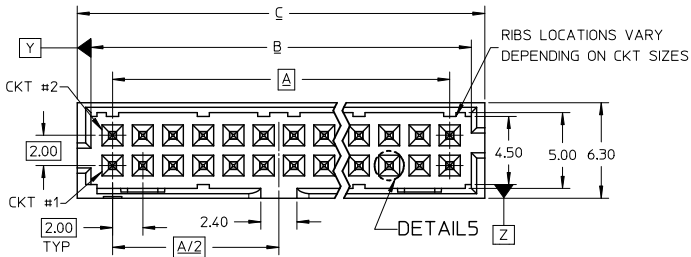
- 1 - 0.05-0.13um/2-5uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 2 - 0.38um/15uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 3 - 0.76um/30uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 4 - 2.50um/100uin MIN. MATTE TIN OVER 1.25um/50uin MIN. NICKEL OVERALL.

ADD: 87831-5557-5558 EC NO: S2017-0022 DRAWN BY: CHYK-SCHONG CHECKED BY: KHLIM APPR: KHLIM REV: A5	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		NTS	METRIC		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---		DRAWN BY: GMENARLY CHECKED BY: CGOH APPROVED BY: KHLIM		DATE	DATE		TITLE
		ANGULAR ± 3° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DATE	DATE		MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER <b>molex</b> DOCUMENT NO. SD-87831-0001

9 8 7 6 5 4 3 2 1

10 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)

EDIT NOTE 4 EC NO: S2017-0022 DRAWN BY: G MENARLY CHKD: SCHEONG APPR: KHLIM 2016/07/27 2016/07/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$ $\nabla=0$	4 PLACES	±---	±---	MM ONLY		NTS	METRIC	MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER <b>molex</b> DOCUMENT NO. SD-87831-0001 SHEET NO. 9 OF 13
		3 PLACES	±---	±---	DRAWN BY	DATE	TITLE		
		2 PLACES	±0.20	±---	CHECKED BY	DATE	TITLE		
1 PLACE	±---	±---	APPROVED BY	DATE	TITLE				
	0 PLACE	±---	±---	MATERIAL NO.		DOCUMENT NO.			
	ANGULAR ± 3°			SEE TABLE					
	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					

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

14 TO 20 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
14	87831-1419	N.A	N.A	1							12.00	14.85	16.65	15.00	8.00	N.A	2.50	3.60±0.20
	87831-1420	87831-1430	87831-5554	2	YES	N.A	YES	N.A	YES	N.A								
	87831-1421	N.A	N.A	3														
	87831-1436	N.A	N.A	4														
	87831-1428	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES								
	87831-1429	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES								
	87831-1435	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES								
	87831-1410	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES								
87831-1411	N.A	N.A	3							3.50								
16	87831-1619	N.A	N.A	1							14.00	16.85	18.65	17.00	10.00	N.A	2.50	3.60±0.20
	87831-1620	N.A	N.A	2	YES	N.A	YES	N.A	YES	N.A								
	87831-1621	N.A	N.A	3														
	87831-1636	N.A	N.A	4														
	87831-1628	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES								
	87831-1629	N.A	87831-5559	3	YES	N.A	YES	N.A	YES	YES								
87831-1635	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES	3.50								
18	87831-1819	N.A	N.A	1							16.00	18.85	20.65	19.00	12.00	N.A	2.50	3.60±0.20
	87831-1820	N.A	N.A	2	YES	N.A	YES	N.A	YES	N.A								
	87831-1821	N.A	N.A	3														
	87831-1836	N.A	N.A	4														
	87831-1828	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES								
	87831-1829	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES								
20	87831-2019	N.A	N.A	1							18.00	20.85	22.65	21.00	14.00	N.A	2.50	3.60±0.20
	87831-2020	N.A	N.A	2	YES	N.A	YES	N.A	YES	N.A								
	87831-2021	N.A	N.A	3														
	87831-2036	N.A	N.A	4														
	87831-2028	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES								
	87831-2029	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES								
	87831-2035	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES								
	87831-2010	N.A	N.A	2	YES	N.A	YES	N.A	YES	N.A								
87831-2011	N.A	N.A	3							3.50								

PLATING OPTIONS:

- 1 - 0.05-0.13um/2-5uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 2 - 0.38um/15uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 3 - 0.76um/30uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 4 - 2.50um/100uin MIN. MATTE TIN OVER 1.25um/50uin MIN. NICKEL OVERALL.

ADD 87831-5559 EC NO. S2017-0022 DRAWN BY: CHYK-SCHONG CHKD: KHLIM APPR: KHLIM 2016/07/27 2016/07/28	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.20 ± ---	1 PLACE ± --- ± ---	0 PLACE ± --- ± ---	DRAWN BY: GMENARLY DATE: 2015/04/15	CHECKED BY: CGOH DATE: 2015/06/29	APPROVED BY: KHLIM DATE: 2015/06/29	TITLE MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER
		ANGULAR ± 3°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87831-0001	SHEET NO. 10 OF 13		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

9 8 7 6 5 4 3 2 1



10 9 8 7 6 5 4 3 2 1

22 TO 30 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	FRICITION LOCKS				SIDE SLOTS		CENTER POLARIZATION	PEG	DIMENSION							
					DUAL	CENTER	DUAL	SINGLE	A	B			C	D	E	F	G	H		
22	87831-2219	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	20.00	22.85	24.65	23.00	16.00	N.A	2.50	3.60±0.20		
	87831-2220	N.A	N.A	2																
	87831-2221	N.A	N.A	3																
	87831-2236	N.A	N.A	4																
	87831-2228	N.A	N.A	2																
24	87831-2419	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	22.00	24.85	26.65	25.00	18.00	N.A	2.50	3.60±0.20		
	87831-2420	N.A	N.A	2																
	87831-2421	N.A	N.A	3																
	87831-2436	N.A	N.A	4																
	87831-2428	N.A	N.A	2																
26	87831-2619	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	24.00	26.85	28.65	27.00	20.00	N.A	2.50	3.60±0.20		
	87831-2620	87831-2630	87831-5555	2																
	87831-2621	N.A	N.A	3																
	87831-2636	N.A	N.A	4																
	87831-2628	N.A	N.A	2																
28	87831-2819	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	26.00	28.85	30.65	29.00	22.00	N.A	2.50	3.60±0.20		
	87831-2820	N.A	N.A	2																
	87831-2821	N.A	N.A	3																
	87831-2836	N.A	N.A	4																
	87831-2828	N.A	N.A	2																
30	87831-3019	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	28.00	30.85	32.65	31.00	24.00	N.A	2.50	3.60±0.20		
	87831-3020	N.A	N.A	2																
	87831-3021	N.A	N.A	3																
	87831-3036	N.A	N.A	4																
	87831-3028	N.A	N.A	2																
B	87831-3029	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES	28.00	30.85	32.65	31.00	24.00	N.A	2.50	3.60±0.20		
	87831-3035	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES										
	87831-3010	87831-3030	87831-3050	2	YES	N.A	YES	N.A	YES	N.A										

- PLATING OPTIONS:
- 1 - 0.05-0.13um/2-5uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
  - 2 - 0.38um/15uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
  - 3 - 0.76um/30uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
  - 4 - 2.50um/100uin MIN. MATTE TIN OVER 1.25um/50uin MIN. NICKEL OVERALL.

SEE SHEET 1.2.4.6.8-10  
 IEC NO: S2017-0022  
 DRAWN BY: CHYK-SCHONG  
 CHECKED BY: KHLIM  
 DATE: 2016/07/27  
 DATE: 2016/07/28  
 APPR: KHLIM

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
∇=0	4 PLACES ±---	±---
∇=0	3 PLACES ±---	±---
∇=0	2 PLACES ±0.20	±---
	1 PLACE ±---	±---
	0 PLACE ±---	±---

ANGULAR ± 3°  
 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
DRAWN BY GMENARLY	DATE 2015/04/15	TITLE MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER		
CHECKED BY CGOH	DATE 2015/06/29			
APPROVED BY KHLIM	DATE 2015/06/29			
MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87831-0001	SHEET NO. 11 OF 13		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

ib\_frame\_A3\_P\_AM\_T Rev. G 2012/01/11 9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

32 TO 40 CIRCUITS

F	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															
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															
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	N.A	2															
	87831-3621	N.A	N.A	3															
	87831-3636	N.A	N.A	4															
	87831-3628	N.A	N.A	2															
38	87831-3819	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	36.00	38.85	40.65	39.00	32.00	N.A	2.50	3.60±0.20	
	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															
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	2.50	3.60±0.20	
	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															

PLATING OPTIONS:

- 1 - 0.05-0.13um/2-5uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 2 - 0.38um/15uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 3 - 0.76um/30uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 4 - 2.50um/100uin MIN. MATTE TIN OVER 1.25um/50uin MIN. NICKEL OVERALL.

SEE SHEET 12.4.6.8-10 EC. NO. S2017-0022 DRAWN:HEARLY 2016/07/04 CHKD:SCHEONG 2016/07/27 APPR:KHLIM 2016/07/28 REV A5	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
				MM ONLY		NTS	METRIC	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---		DRAWN BY DATE GMENARLY 2015/04/15 CHECKED BY DATE CGOH 2015/06/29 APPROVED BY DATE KHLIM 2015/06/29		TITLE MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER		
		ANGULAR ± 3° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE SIZE A3		DOCUMENT NO. SD-87831-0001		

9 8 7 6 5 4 3 2 1



10 9 8 7 6 5 4 3 2 1

42 TO 50 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					
42	87831-4219	N.A	N.A	1									40.00	42.85	44.65	43.00	36.00	N.A	2.50	3.60±0.20			
	87831-4220	N.A	N.A	2	YES	N.A	YES	N.A	YES	N.A													
	87831-4221	N.A	N.A	3																			
	87831-4236	N.A	N.A	4																			
	87831-4228	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES											2.50		
87831-4229	N.A	N.A	3																				
44	87831-4419	N.A	N.A	1									42.00	44.85	46.65	45.00	38.00	N.A	2.50	3.60±0.20			
	87831-4420	N.A	N.A	2	YES	N.A	YES	N.A	YES	N.A													
	87831-4421	N.A	N.A	3																			
	87831-4436	N.A	N.A	4																			
	87831-4428	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES											2.50		
87831-4429	N.A	N.A	3																				
87831-4435	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES												3.50		
46	87831-4619	N.A	N.A	1									44.00	46.85	48.65	47.00	40.00	N.A	2.50	3.60±0.20			
	87831-4620	N.A	N.A	2	YES	N.A	YES	N.A	YES	N.A													
	87831-4621	N.A	N.A	3																			
	87831-4636	N.A	N.A	4																			
	87831-4628	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES											2.50		
87831-4629	N.A	N.A	3																				
48	87831-4819	N.A	N.A	1									46.00	48.85	50.65	49.00	42.00	N.A	2.50	3.60±0.20			
	87831-4820	N.A	N.A	2	YES	N.A	YES	N.A	YES	N.A													
	87831-4821	N.A	N.A	3																			
	87831-4836	N.A	N.A	4																			
	87831-4828	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES											2.50		
87831-4829	N.A	N.A	3																				
50	87831-5019	N.A	N.A	1									48.00	50.85	52.65	51.00	44.00	N.A	2.50	3.60±0.20			
	87831-5020	N.A	N.A	2	YES	N.A	YES	N.A	YES	N.A													
	87831-5021	N.A	N.A	3																			
	87831-5036	N.A	N.A	4																			
	87831-5028	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES											2.50		
87831-5029	N.A	N.A	3																				
87831-5035	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES													3.50	

PLATING OPTIONS:

- 1 - 0.05-0.13um/2-5uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 2 - 0.38um/15uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 3 - 0.76um/30uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 4 - 2.50um/100uin MIN. MATTE TIN OVER 1.25um/50uin MIN. NICKEL OVERALL.

SEE SHEET 1.2.4.6.8-10 IEC NO. S2017-0022 DRAWN BY: G.MENARLY 2016/07/06 CHECKED BY: CHIKO-SCHEONG 2016/07/27 APPR: KHL IM 2016/07/28 REV: A5	QUALITY SYMBOLS √=0 √=0 √=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- ANGULAR ± 3° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY: G.MENARLY DATE: 2015/04/15 CHECKED BY: CGOH DATE: 2015/06/29 APPROVED BY: KHL IM DATE: 2015/06/29	SCALE: NTS DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER <b>molex</b> MATERIAL NO. SEE TABLE DOCUMENT NO. SD-87831-0001 SHEET NO. 13 OF 13
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	SIZE: A3				
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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Rev. G 2012/01/11

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