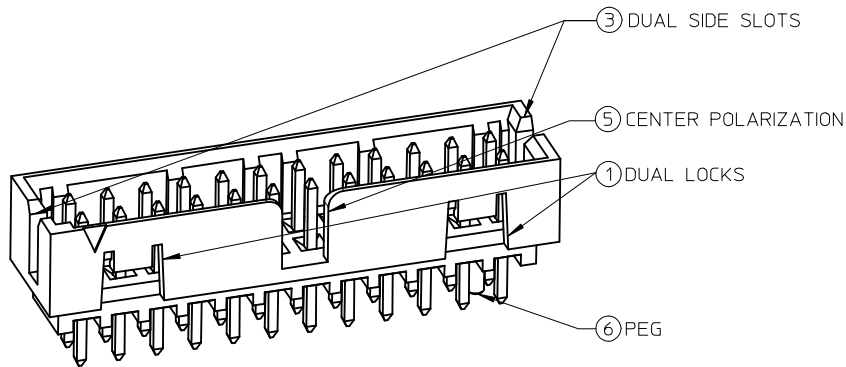
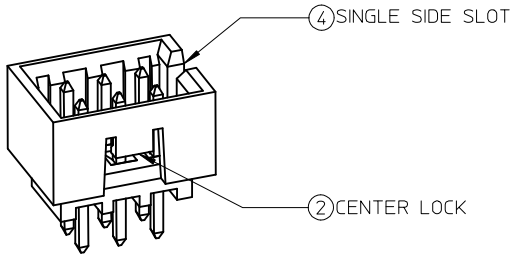


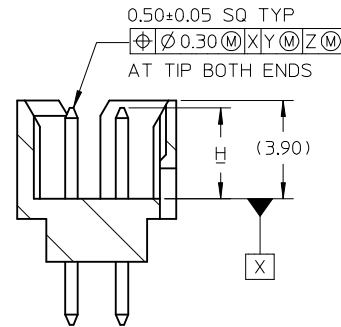
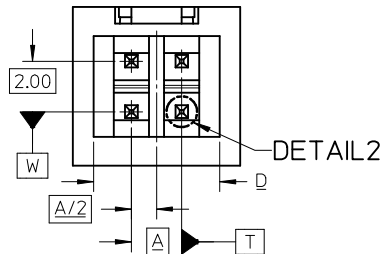
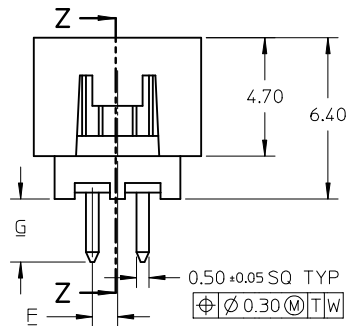
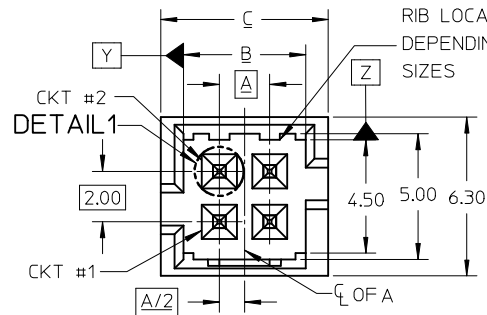
FEATURES SELECTION GUIDE



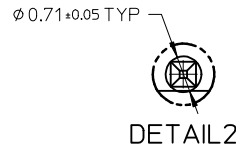
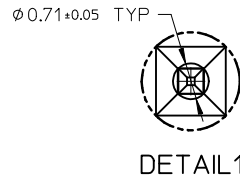
5		4		3		2		1	
CIRCUIT SIZE		FEATURES							
		FRICTION LOCKS		SIDE SLOTS		⑤ CENTER POLARIZATION	⑥ PEG	SHEET NO	
		① DUAL	② CENTER	③ DUAL	④ SINGLE				
4	N.A	N.A	YES	N.A	N.A	N.A	2 - 3		
	N.A	YES	YES	N.A	N.A	N.A			
	N.A	YES	N.A	YES	N.A	N.A			
6	N.A	N.A	YES	N.A	N.A	N.A	4 - 5		
	N.A	N.A	YES	N.A	N.A	YES			
	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			
	N.A	N.A	YES	N.A	YES	N.A			
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			

RELEASED EC NO: S2015-1188 DRAWN:GMENARLY CHK'D:GOH APPR:KHLIM 2015/04/15 2015/06/29 2015/06/29	DESCRIPTION REV A	QUALITY SYMBOLS F_A=0 F_C=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY GMENARLY	DATE 2015/04/15	TITLE MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER					
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± ---	APPROVED BY KHL IM		DATE 2015/06/29	DOCUMENT NO. SD-87831-0001				
			2 PLACES	± 0.20	± ---								
1 PLACE	± ---	± ---	SHEET NO. 1 OF 13										
0 PLACE	± ---	± ---											
ANGULAR ± 3 °								MATERIAL NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE										
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

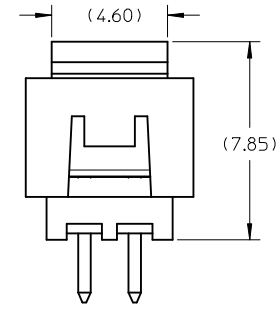
4 CIRCUITS



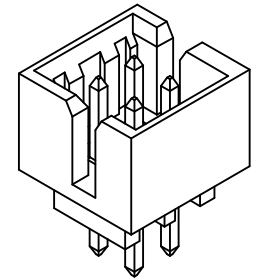
SECTION Z-Z



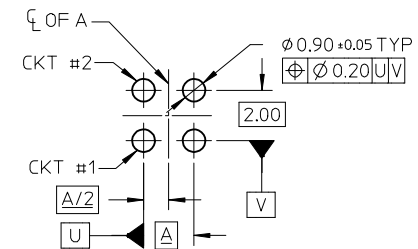
DETAIL2



VIEW FOR
HEADER WITH CAP



VIEW FOR HEADER
WITH ONLY DUAL SLOTS



RECOMMENDED PCB LAYOUT

NOTES:

1. MATERIALS:

HOUSING: 30% GF, NYLON, UL94V-0, COLOR: BLACK

PIN: 0.50MM SQ PHOSPHOR BRONZE

2. FINISHES: REFER TO PLATING OPTIONS

3. PRODUCT SPECIFICATION: PS-87831-027

4. PACKAGING SPECIFICATION:

TUBE: PK-87831-001, TAPE AND REEL: PK-87831-300

5. MATES WITH: A. MOLEX CRIMP RECEPTACLE HOUSING: 51110 SERIES AND CRIMP TERMINAL: 50394 SERIES

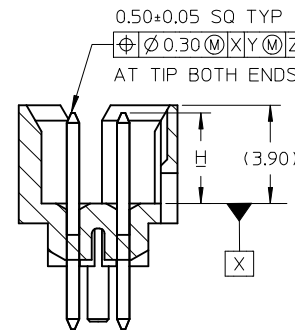
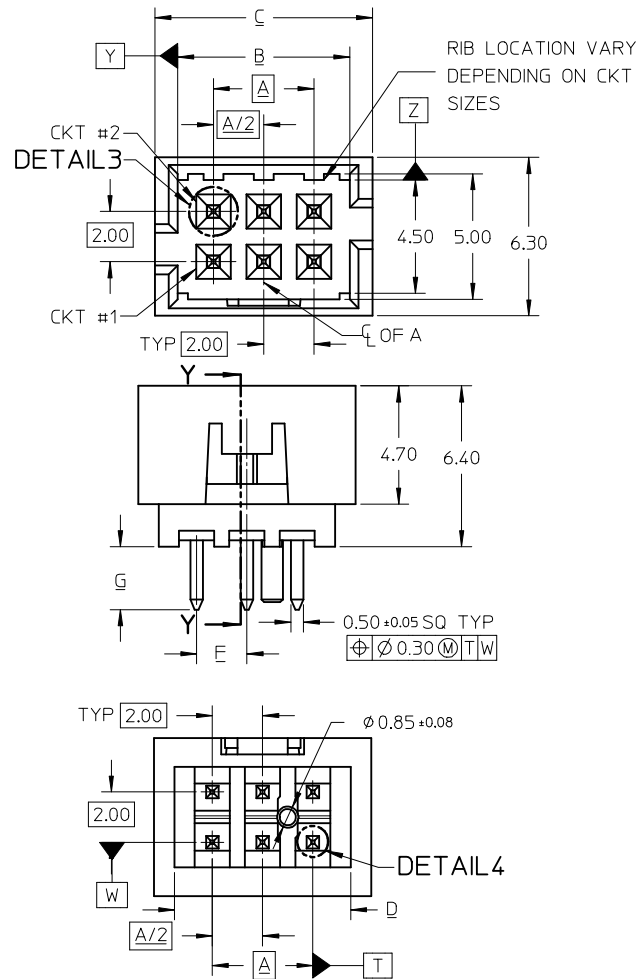
B. MOLEX 2MM MILLIGRID DUAL ROW IDT: 87568 SERIES

C. MOLEX 2MM MILLIGRID DUAL ROW RECEPTACLE:
79107 (GOLD PLATED), 78787 (TIN PLATED)

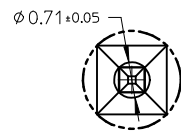
RELEASED EC NO: S2015-1188 DRWNG:GMENARLY CHKD:CGOH APPR:KHLIM 2015/04/15 2015/06/29 2015/06/29	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
					MM ONLY		NTS	METRIC			
					DRAWN BY DATE		TITLE				
					GMENARLY 2015/04/15						
					CHECKED BY DATE		MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER				
		APPROVED BY DATE		molex							
		KHLIM 2015/06/29									
		MATERIAL NO.		DOCUMENT NO.					SHEET NO.		
		SEE TABLE		SD-87831-0001					2 OF 13		
		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
		A3									

	10	9	8	7	6	5	4	3	2	1																																											
	4 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						F																																			
						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±0.20	E																																	
		87831-0420	N.A	N.A	2																																																
		87831-0421	N.A	N.A	3																																																
		87831-0436	N.A	N.A	4																																																
		87831-0441	87831-0456	N.A	2	N.A	YES	YES	N.A	N.A	N.A						1.00	2.50																																			
		87831-0442	N.A	N.A	3																																																
		87831-5141	N.A	N.A	2																																																
		87831-5142	N.A	N.A	3	N.A	YES	YES	N.A	N.A	N.A										2.80																																
		87831-6141	N.A	N.A	2																																																
		87831-6142	N.A	N.A	3																																																
87831-0443	N.A	N.A	2	N.A	YES	N.A	YES	N.A	N.A	N.A	2.50	3.60 ^{+0.15} _{-0.10}																																									
87831-0444	N.A	N.A	3																																																		
D																				D																																	
C																				C																																	
B																				B																																	
A																				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.																																																					
<table><tr><td rowspan="5">RELEASED EC NO: S2015-1188 DRWN:GMENARLY 2015/04/15 CHKD:CGOH 2015/06/29 APPR:KHLIM 2015/06/29</td><td rowspan="5">QUALITY SYMBOLS FA=0 FG=0 FP=0 </td><td rowspan="5">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE MM ONLY</td><td>SCALE NTS</td><td>DESIGN UNITS METRIC</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td colspan="2">DRAWN BY DATE GMENARLY 2015/04/15</td><td colspan="4" rowspan="2">TITLE MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER molex</td></tr><tr><td colspan="2">CHECKED BY DATE</td></tr><tr><td colspan="2">APPROVED BY DATE KHLIM 2015/06/29</td><td colspan="2">DOCUMENT NO. SD-87831-0001</td><td colspan="2">SHEET NO. 3 OF 13</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td>SIZE A3</td><td colspan="7">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>																					RELEASED EC NO: S2015-1188 DRWN:GMENARLY 2015/04/15 CHKD:CGOH 2015/06/29 APPR:KHLIM 2015/06/29	QUALITY SYMBOLS FA=0 FG=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		DRAWN BY DATE GMENARLY 2015/04/15		TITLE MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER molex				CHECKED BY DATE		APPROVED BY DATE KHLIM 2015/06/29		DOCUMENT NO. SD-87831-0001		SHEET NO. 3 OF 13		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
RELEASED EC NO: S2015-1188 DRWN:GMENARLY 2015/04/15 CHKD:CGOH 2015/06/29 APPR:KHLIM 2015/06/29	QUALITY SYMBOLS FA=0 FG=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																																														
			DRAWN BY DATE GMENARLY 2015/04/15		TITLE MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER molex																																																
			CHECKED BY DATE																																																		
			APPROVED BY DATE KHLIM 2015/06/29		DOCUMENT NO. SD-87831-0001		SHEET NO. 3 OF 13																																														
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																															
fb_frame_A3_P_AM_T Rev. G 2012/01/11	9	8	7	6	5	4	3	2	1																																												

6 CIRCUITS



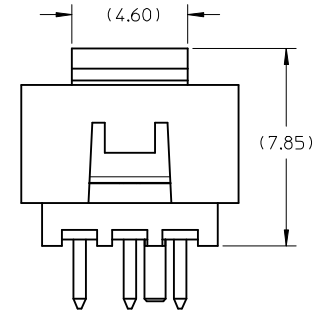
SECTION Y-Y



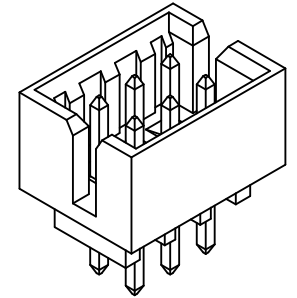
DETAIL3



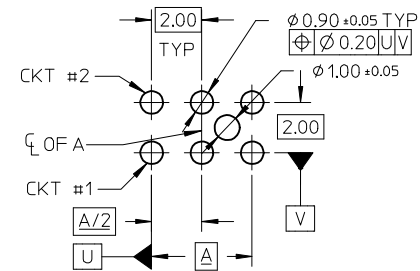
DETAIL4



VIEW FOR
HEADER WITH CAP



VIEW FOR HEADER WITH
ONLY DUAL SLOTS



RECOMMENDED PCB LAYOUT

NOTES:

1. MATERIALS:

HOUSING: 30% GF, NYLON, UL94V-0, COLOR: BLACK

PIN: 0.50MM SQ PHOSPHOR BRONZE

2. FINISHES: REFER TO PLATING OPTIONS

3. PRODUCT SPECIFICATION: PS-87831-027

4. PACKAGING SPECIFICATION:

TUBE: PK-87831-001, TAPE AND REEL: PK-87831-300

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)

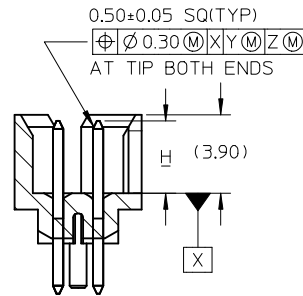
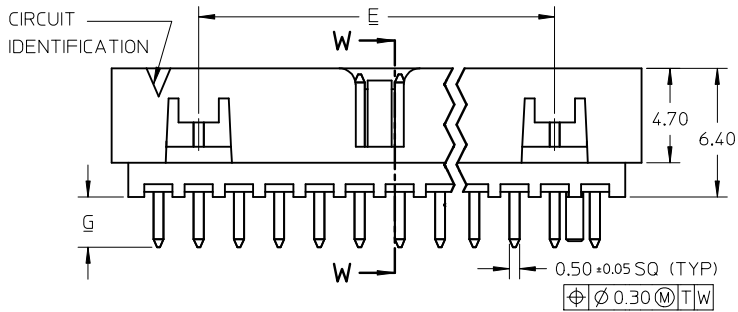
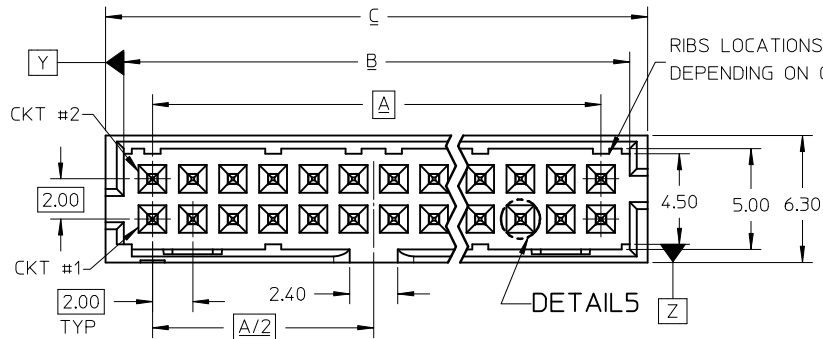
RELEASED EC NO: S2015-1188 2015/04/15 DRAWNGEN:MARY 2015/06/29 CHKD:CGOH 2015/06/29 APPR:KHLIM	DESCRIPTION	QUALITY SYMBOLS F_A =0 F_C =0 F_P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY GMENARLY	DATE 2015/04/15	TITLE MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER					
						CHECKED BY	DATE						
			4 PLACES	± ---	± ---	APPROVED BY KHLIM		DATE 2015/06/29	molex DOCUMENT NO. SD-87831-0001 SHEET NO. 4 OF 13				
			3 PLACES	± ---	± ---	MATERIAL NO.		SEE TABLE					
			2 PLACES	± 0.20	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	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																																																																																									
	6 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							F																																																																																
						DUAL	CENTER	DUAL	SINGLE			A	B	C	D	E	F	G	H																																																																																
E	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			3.60±0.20	E																																																																															
		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																																																																																								
		87831-0629	N.A	N.A	3																																																																																														
		87831-0641	N.A	N.A	2																																																																																														
		87831-0642	N.A	87831-5552	3	N.A	YES	YES	N.A	N.A	N.A						2.00	2.50			3.60 ^{+0.15} _{-0.10}																																																																														
		87831-5241	N.A	N.A	2													3.50																																																																																	
		87831-5242	N.A	N.A	3													2.80																																																																																	
D	87831-6241	N.A	N.A	2	N.A	YES	YES	N.A	N.A	N.A	2.50	2.50	3.60±0.20	D																																																																																					
	87831-6242	N.A	N.A	3																																																																																															
	87831-0643	N.A	N.A	2	N.A	YES	N.A	YES	N.A	N.A					YES																																																																																				
	87831-0644	N.A	N.A	3																																																																																															
	87831-0645	N.A	N.A	2																																																																																															
	87831-0646	N.A	N.A	3	N.A	YES	N.A	YES	N.A	N.A					YES																																																																																				
	87831-0632	N.A	N.A	2																																																																																															
	87831-5119	N.A	N.A	1	N.A	N.A	YES	N.A	YES	N.A					N.A	2.50	3.60±0.20																																																																																		
C																		C																																																																																	
B																		B																																																																																	
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.											<table><tr><td rowspan="5">RELEASED EC NO: S2015-1188 DRWN:GMENARLY CHKD:CGOH APPR:KHLIM 2015/04/15 2015/06/29 2015/06/29</td><td rowspan="5">QUALITY SYMBOLS FA=0 FG=0 FP=0 </td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE MM ONLY</td><td>SCALE NTS</td><td>DESIGN UNITS METRIC</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td></td><td>mm</td><td>INCH</td><td>DRAWN BY GMENARLY</td><td>DATE 2015/04/15</td><td colspan="4" rowspan="2">MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td><td>CHECKED BY</td><td>DATE</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td><td colspan="2">APPROVED BY KHLIM</td><td>DATE 2015/06/29</td><td colspan="4" rowspan="2">molex</td></tr><tr><td>2 PLACES</td><td>± 0.20</td><td>± ---</td><td colspan="2">MATERIAL NO.</td><td>DOCUMENT NO.</td><td>SHEET NO.</td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td><td colspan="2">SEE TABLE</td><td>SD-87831-0001</td><td>5 OF 13</td></tr><tr><td>0 PLACE</td><td>± ---</td><td>± ---</td><td colspan="7">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td colspan="3">ANGULAR ± 3 °</td><td colspan="7"></td></tr><tr><td colspan="3">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="7"></td></tr></table>										RELEASED EC NO: S2015-1188 DRWN:GMENARLY CHKD:CGOH APPR:KHLIM 2015/04/15 2015/06/29 2015/06/29	QUALITY SYMBOLS FA=0 FG=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			mm	INCH	DRAWN BY GMENARLY	DATE 2015/04/15	MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER				4 PLACES	± ---	± ---	CHECKED BY	DATE	3 PLACES	± ---	± ---	APPROVED BY KHLIM		DATE 2015/06/29	molex				2 PLACES	± 0.20	± ---	MATERIAL NO.		DOCUMENT NO.	SHEET NO.	1 PLACE	± ---	± ---	SEE TABLE		SD-87831-0001	5 OF 13	0 PLACE	± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							ANGULAR ± 3 °										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
RELEASED EC NO: S2015-1188 DRWN:GMENARLY CHKD:CGOH APPR:KHLIM 2015/04/15 2015/06/29 2015/06/29	QUALITY SYMBOLS FA=0 FG=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																																																																																											
			mm	INCH	DRAWN BY GMENARLY	DATE 2015/04/15	MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER																																																																																												
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		3 PLACES	± ---	± ---	APPROVED BY KHLIM		DATE 2015/06/29	molex																																																																																											
		2 PLACES	± 0.20	± ---	MATERIAL NO.		DOCUMENT NO.					SHEET NO.																																																																																							
1 PLACE	± ---	± ---	SEE TABLE		SD-87831-0001	5 OF 13																																																																																													
0 PLACE	± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																																																
ANGULAR ± 3 °																																																																																																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																																																																																																			
	fb_frame_A3_P_AM_T Rev. G 2012/01/11	9	8	7	6	5	4	3	2	1																																																																																									

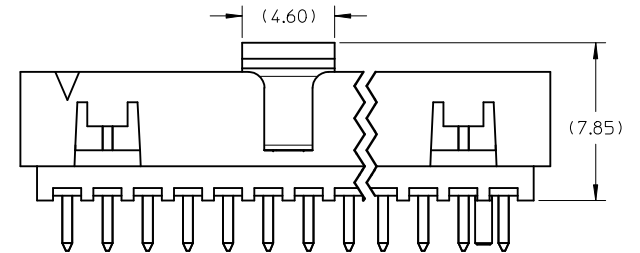
10		9		8		7		6		5		4		3		2		1									
8 CIRCUITS																											
F	CKT SIZE	ASSY P/N WITHOUT CAP IN TUBE	ASSY P/N WITH CAP IN TUBE	ASSY P/N WITH CAP IN T&R	PLATING OPTIONS	FRICTION LOCKS		SIDE SLOTS		CENTER POLARIZATION	PEG	DIMENSION								F							
						DUAL	CENTER	DUAL	SINGLE			A	B	C	D	E	F	G	H								
E	8	87831-0819	N.A	N.A	1	N.A	N.A	YES	N.A	YES	N.A	6.00	8.85	10.65	9.00	N.A	N.A	2.50	3.60±0.20	E							
		87831-0820	N.A	N.A	2																						
		87831-0821	N.A	N.A	3																						
		87831-0836	N.A	N.A	4																						
		87831-0828	N.A	N.A	2	N.A	N.A	YES	N.A	YES	YES							N.A			N.A	N.A	N.A	N.A	2.50	3.60±0.20	E
		87831-0829	N.A	N.A	3																						
		87831-0841	N.A	87831-5551	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±0.20	E
		87831-0842	N.A	N.A	3																						
		87831-5441	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±0.20	E	
		87831-5442	N.A	N.A	3																						
		N.A	87831-5541	N.A	2	N.A	YES	YES	N.A	N.A	N.A						N.A	N.A			N.A	N.A	N.A	N.A	2.50	3.60±0.20	E
		N.A	87831-5542	N.A	3																						
		87831-5741	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	N.A	N.A	2.50	3.60±0.20
87831-5742	N.A	N.A	3																								
D	87831-0832	N.A	N.A	2	N.A	YES	YES	N.A	N.A	YES	N.A	6.00	8.85	10.65	9.00	N.A	3.00	2.50	3.60 ^{+0.15} _{-0.10}	D							
	87831-0843	N.A	N.A	2																							
	87831-0844	N.A	N.A	3																							
	87831-0845	N.A	N.A	2																							
	87831-0846	N.A	N.A	3																							

10		9		8		7		6		5		4		3		2		1			
10 TO 12 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							F		
						DUAL	CENTER	DUAL	SINGLE			A	B	C	D	E	F	G		H	
E	10	87831-1019	N.A	N.A	1	N.A	N.A	YES	N.A	YES	N.A	8.00	10.85	12.65	11.00	N.A	N.A	2.50	3.60±0.20	E	
		87831-1020	N.A	N.A	2																
		87831-1021	N.A	N.A	3																
		87831-1036	N.A	N.A	4																
		87831-1010	N.A	N.A	2	N.A	N.A	YES	N.A	YES	N.A							3.50			
		87831-1011	N.A	N.A	3																
		87831-1028	N.A	N.A	2	N.A	N.A	YES	N.A	YES	YES						2.50				
		87831-1029	N.A	N.A	3																
		87831-1035	N.A	N.A	3	N.A	N.A	YES	N.A	YES	YES						3.50				
		87831-1041	N.A	N.A	2																
D	10	87831-1042	N.A	87831-5553	3	N.A	YES	YES	N.A	N.A	N.A	10.00	12.85	14.65	13.00	N.A	4.00	2.50	3.60 ^{+0.15} _{-0.10}	D	
		87831-1032	N.A	N.A	2																N.A
		87831-1043	N.A	N.A	2	N.A	YES	N.A	YES	N.A	N.A							2.50			
		87831-1044	N.A	N.A	3																N.A
		87831-1045	N.A	N.A	2	N.A	YES	N.A	YES	N.A	N.A						2.50				
		87831-1046	N.A	N.A	3																
C	12	87831-1219	N.A	N.A	1	N.A	N.A	YES	N.A	YES	N.A	10.00	12.85	14.65	13.00	N.A	N.A	2.50	3.60±0.20	C	
		87831-1220	N.A	N.A	2																
		87831-1221	N.A	N.A	3																
		87831-1236	N.A	N.A	4																
		87831-1228	N.A	N.A	2	N.A	N.A	YES	N.A	YES	YES							2.50			
		87831-1229	N.A	N.A	3																
		87831-1241	N.A	N.A	2	N.A	YES	YES	N.A	N.A	N.A						2.50				
		87831-1242	N.A	N.A	3																
		87831-1255	87831-1256	N.A	2	N.A	YES	YES	N.A	N.A	N.A						2.50				
		87831-1232	N.A	N.A	2													N.A			YES
87831-1243	N.A	N.A	2	N.A	YES	N.A	YES	N.A	N.A	2.50											
87831-1244	N.A	N.A	3								N.A	YES	N.A	YES	N.A	N.A	2.50				
87831-1245	N.A	N.A	2	N.A	YES	N.A	YES	N.A	N.A	2.50											
87831-1246	N.A	N.A	3																		
B																					
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.																					
A	RELEASED EC NO: S2015-1188 DRWN:GMENARLY 2015/06/29 CHKD:CGOH APPR:KHL IM REV					QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER molex SD-87831-0001 SHEET NO. 8 OF 13						
							mm INCH		DRAWN BY DATE GMENARLY 2015/04/15 CHECKED BY DATE		APPROVED BY DATE KHL IM 2015/06/29		MATERIAL NO.							DOCUMENT NO.	
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							SIZE A3						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
tb_frame_A3_P_AM.T Rev. G 2012/01/11		9		8		7		6		5		4		3		2		1			

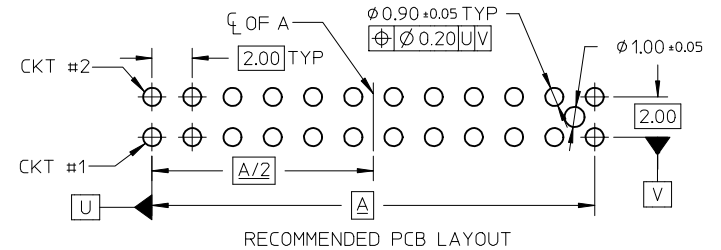
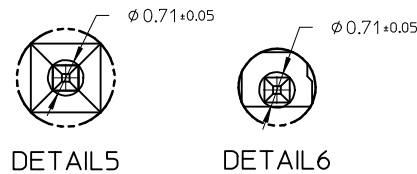
14 TO 50 CIRCUITS



SECTION W-W



VIEW FOR HEADER WITH CAP



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:

TUBE: PK-87831-001, TAPE AND REEL: PK-87831-300

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)

RELEASED EC NO: S2015-1188 DRWNG:GMENARLY CHKD:CGOH APPR:KHL IM 2015/04/15 2015/06/29 2015/06/29	DESCRIPTION REV A	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		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	DATE						
					APPROVED BY KHL IM		DATE 2015/06/29	molex				
					MATERIAL NO.		DOCUMENT NO.					
			ANGULAR ± 3 °		SEE TABLE		SD-87831-0001					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	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	
14 TO 20 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								F	
						DUAL	CENTER	DUAL	SINGLE			A	B	C	D	E	F	G	H		
E	14	87831-1419	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	12.00	14.85	16.65	15.00	8.00	N.A	2.50	3.60±0.20		
		87831-1420	N.A	87831-5554	2																
		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							2.50			
		87831-1429	N.A	N.A	3																
		87831-1435	N.A	N.A	3																
		87831-1410	N.A	N.A	2																
87831-1411	N.A	N.A	3	YES	N.A	YES	N.A	YES	N.A	3.50											
D	16	87831-1619	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	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																
		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							2.50			
		87831-1629	N.A	N.A	3																
		87831-1635	N.A	N.A	3																
		87831-1635	N.A	N.A	3																
C	18	87831-1819	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	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																
		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							2.50			
		87831-1829	N.A	N.A	3																
		87831-1829	N.A	N.A	3																
		87831-1829	N.A	N.A	3																
B	20	87831-2019	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	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																
		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							2.50			
		87831-2029	N.A	N.A	3																
		87831-2035	N.A	N.A	3																
		87831-2010	N.A	N.A	2																
87831-2011	N.A	N.A	3	YES	N.A	YES	N.A	YES	N.A	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.																					
RELEASED EC NO: S2015-1188 2015/04/15 2015/06/29 2015/06/29 DRAWN: GEMARLY CHKD: CGOH APPR: KHL IM A																					
QUALITY SYMBOLS F=0 F=0 F=0																					
GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 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 DATE GMENARLY 2015/04/15 CHECKED BY DATE APPROVED BY DATE KHL IM 2015/06/29 MATERIAL NO. SEE TABLE SIZE A3																					
SCALE NTS DESIGN UNITS METRIC THIRD ANGLE PROJECTION MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER molex 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																					
fb_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										
22 TO 30 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								F
						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	YES	N.A	YES	N.A	YES	YES							2.50		
	87831-2229	N.A	N.A	3																
E	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	YES	N.A	YES	N.A	YES	YES							2.50		
		87831-2429	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES							3.50		
		87831-2435	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES							3.50		
	87831-2410	N.A	N.A	2	YES	N.A	YES	N.A	YES	N.A										
D	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	N.A	N.A	2															
		87831-2621	N.A	N.A	3															
		87831-2636	N.A	N.A	4															
		87831-2628	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES							2.50		
		87831-2629	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES							3.50		
			87831-2610	N.A	N.A	2	YES	N.A	YES	N.A	YES							N.A		
C	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	YES	N.A	YES	N.A	YES	YES							2.50		
		87831-2829	N.A	N.A	3															
B	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	YES	N.A	YES	N.A	YES	YES							2.50		
		87831-3029	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES							3.50		
		87831-3035	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES							3.50		
			87831-3010	87831-3030	87831-3050	2	YES	N.A	YES	N.A	YES							N.A		
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.					RELEASED EC NO.: S2015-1188 DRWN:GEMARLY 2015/04/15 CHKD:CGOH 2015/06/29 APPR:KHL IM 2015/06/29 A		QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- ANGULAR ± 3 °		DIMENSION STYLE MM ONLY DRAWN BY DATE GMENARLY 2015/04/15 CHECKED BY DATE APPROVED BY DATE KHL IM 2015/06/29		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER molex		SHEET NO. 11 OF 13	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO. SD-87831-0001		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			
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							F		
						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	2.50															
	32	87831-3229	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES										
		E	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	2.50															
	34	87831-3429	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES										
		87831-3435	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES							3.50			
		D	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	2.50															
	36	87831-3629	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES										
		C	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	2.50															
	38	87831-3829	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES										
		C	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	2.50															
	40	87831-4029	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES										
		87831-4010	N.A	N.A	2	YES	N.A	YES	N.A	YES	N.A							3.50			
		B	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.																		
			RELEASED EC NO: S2015-1188 DRWN:GMENARLY 2015/04/15 CHKD:GCOH 2015/06/29 APPR:KHL IM 2015/06/29 A																		
			QUALITY SYMBOLS F=0 F=0 F=0																		
GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 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 DATE GMENARLY 2015/04/15 CHECKED BY DATE APPROVED BY DATE KHL IM 2015/06/29 MATERIAL NO. SEE TABLE SIZE A3																					
SCALE NTS DESIGN UNITS METRIC THIRD ANGLE PROJECTION MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER molex DOCUMENT NO. SD-87831-0001 SHEET NO. 12 OF 13																					
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					
tb_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															
		42 TO 50 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								F														
						DUAL	CENTER	DUAL	SINGLE			A	B	C	D	E	F	G	H															
	42	87831-4219	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	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																													
		87831-4221	N.A	N.A	3																													
		87831-4236	N.A	N.A	4	YES	N.A	YES	N.A	YES	YES							2.50																
		87831-4228	N.A	N.A	2																													
E	44	87831-4229	N.A	N.A	3	YES	N.A	YES	N.A	YES	N.A	42.00	44.85	46.65	45.00	38.00	N.A	2.50	3.60±0.20															
		87831-4419	N.A	N.A	1																													
		87831-4420	N.A	N.A	2																													
		87831-4421	N.A	N.A	3																													
		87831-4436	N.A	N.A	4																													
		87831-4428	N.A	N.A	2																													
D	46	87831-4429	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES	44.00	46.85	48.65	47.00	40.00	N.A	2.50	3.60±0.20															
		87831-4435	N.A	N.A	3																													
		87831-4619	N.A	N.A	1																													
		87831-4620	N.A	N.A	2																													
		87831-4621	N.A	N.A	3																													
		87831-4636	N.A	N.A	4																													
C	48	87831-4628	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES	46.00	48.85	50.65	49.00	42.00	N.A	2.50	3.60±0.20															
		87831-4629	N.A	N.A	3																													
		87831-4819	N.A	N.A	1																													
		87831-4820	N.A	N.A	2																													
		87831-4821	N.A	N.A	3																													
		87831-4836	N.A	N.A	4																													
A	50	87831-4828	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES	48.00	50.85	52.65	51.00	44.00	N.A	2.50	3.60±0.20															
		87831-4829	N.A	N.A	3																													
		87831-5019	N.A	N.A	1																													
		87831-5020	N.A	N.A	2																													
		87831-5021	N.A	N.A	3																													
		87831-5036	N.A	N.A	4																													
B		87831-5028	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES	48.00	50.85	52.65	51.00	44.00	N.A	2.50	3.60±0.20															
		87831-5029	N.A	N.A	3																													
		87831-5035	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. 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.																																
		RELEASED IEC NO: S2015-1188 DRWNG:GMENARLY 2015/04/15 CHKD:CGOH 2015/06/29 APPR:KHLIM 2015/06/29 A																QUALITY SYMBOLS F _A =0 F _E =0 F _P =0			GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 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 DATE GMENARLY 2015/04/15 CHECKED BY DATE APPROVED BY DATE KHLIM 2015/06/29 MATERIAL NO. SEE TABLE			SCALE NTS DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER molex 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
fb_frame_A3_P_AM-T Rev. G 2012/01/11		9	8	7	6	5	4	3	2	1																								



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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