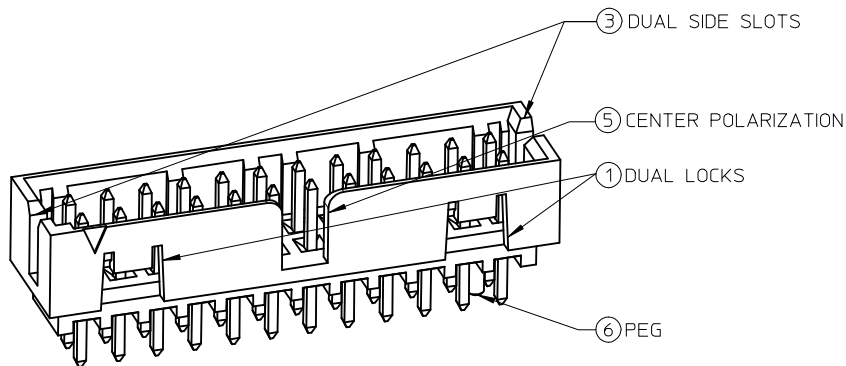
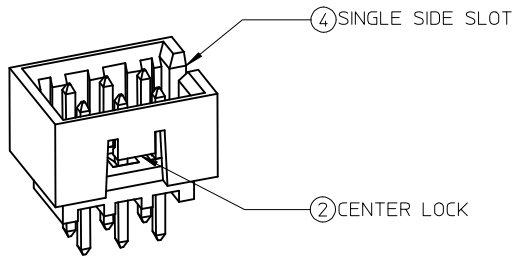


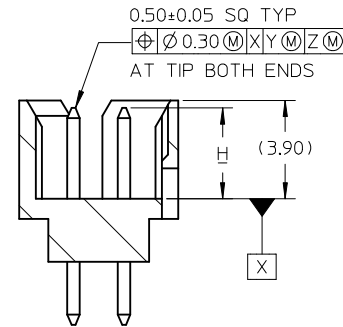
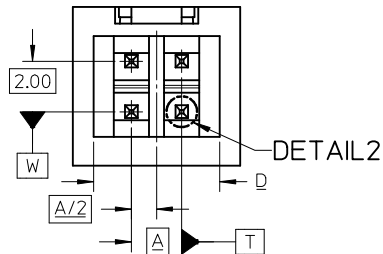
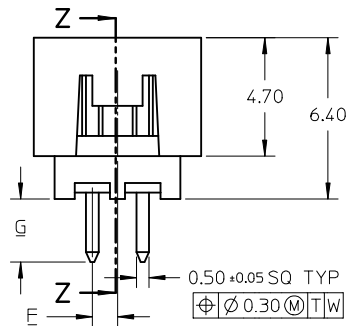
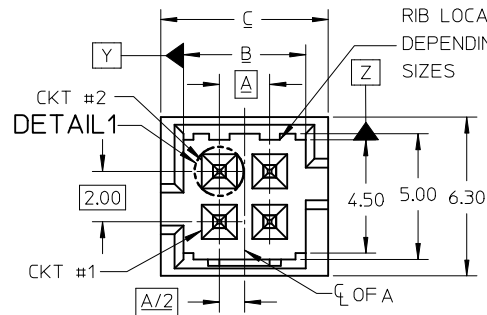
FEATURES SELECTION GUIDE



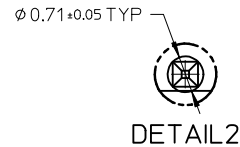
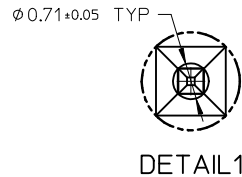
5		4		3		2		1	
CIRCUIT SIZE		FEATURES							
		FRICTION LOCKS		SIDE SLOTS		⑤ CENTER POLARIZATION	⑥ PEG	SHEET NO	
		① DUAL	② CENTER	③ DUAL	④ SINGLE				
4	N.A	N.A	YES	N.A	N.A	N.A	2 - 3		
	N.A	YES	YES	N.A	N.A	N.A			
	N.A	YES	N.A	YES	N.A	N.A			
6	N.A	N.A	YES	N.A	N.A	N.A	4 - 5		
	N.A	N.A	YES	N.A	N.A	YES			
	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:CGOH APPR:KHLIM REV A	DESCRIPTION 2015/04/15 2015/06/29 2015/06/29	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		
						DRAWN BY GMENARLY		DATE 2015/04/15	TITLE MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER			
						CHECKED BY		DATE				
						APPROVED BY KHLIM		DATE 2015/06/29			molex DOCUMENT NO. SD-87831-0001 SHEET NO. 1 OF 13	
						MATERIAL NO.						
						SIZE A3						
						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							

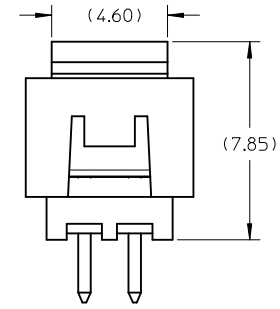
4 CIRCUITS



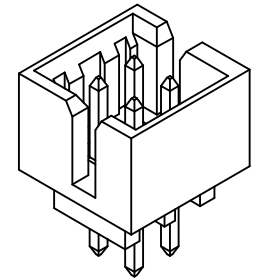
SECTION Z-Z



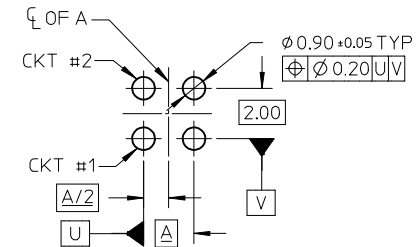
DETAIL2



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

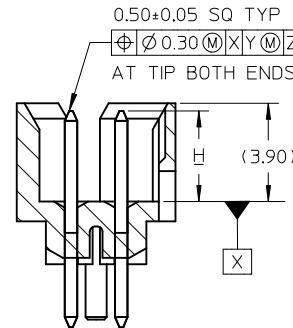
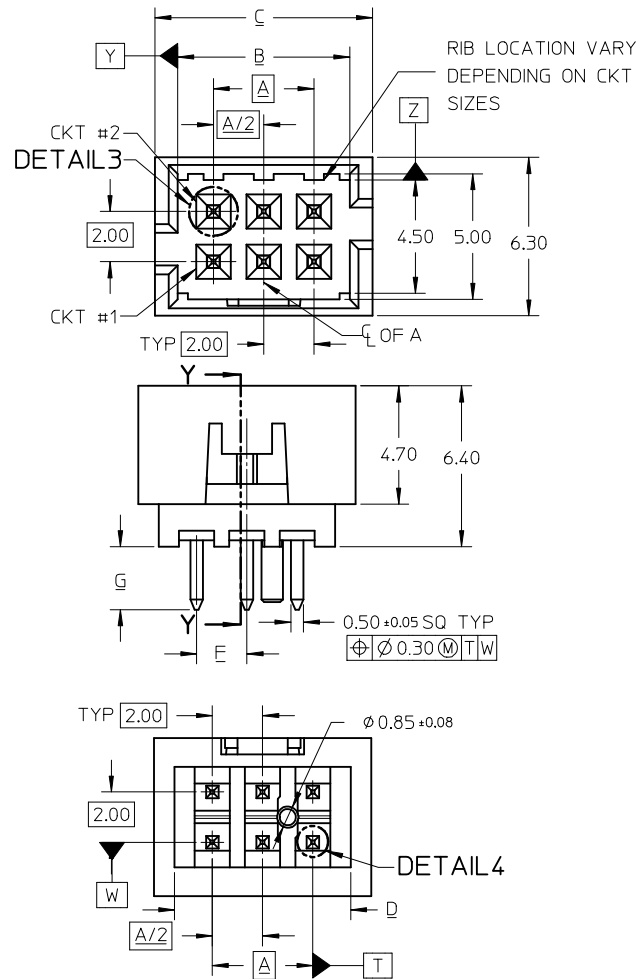
B. MOLEX 2MM MILLIGRID DUAL ROW IDT: 87568 SERIES

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

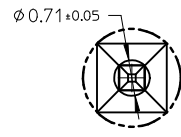
RELEASED EC NO: S2015-1188 DRWNG:GMENARLY CHKD:CGOH APPR:KHLIM 2015/04/15 2015/06/29 2015/06/29	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
					MM ONLY		NTS	METRIC			
					DRAWN BY DATE		TITLE				
					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			
		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									2.50		
		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	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 DRWG:GMENARLY CHKD:CGOH APPR:KHLIM	2015/04/15 2015/06/29 2015/06/29	DESCRIPTION REV	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		TITLE MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER molex	DOCUMENT NO. SD-87831-0001	SHEET NO. 3 OF 13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
		mm	INCH	DRAWN BY GMENARLY	DATE 2015/04/15						CHECKED BY	DATE	APPROVED BY KHLIM	DATE 2015/06/29	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3					
	10	9	8	7	6	5	4	3	2	1												

6 CIRCUITS



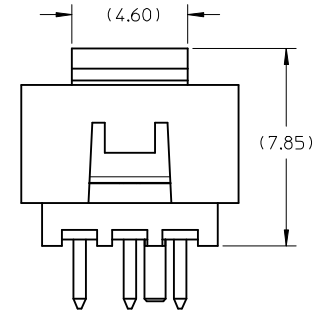
SECTION Y-Y



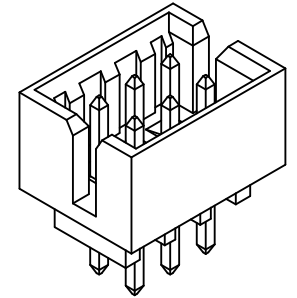
DETAIL3



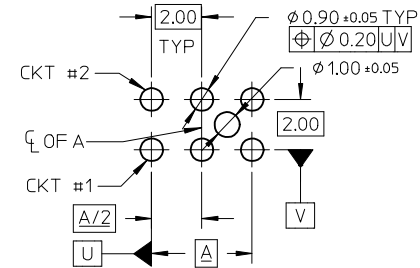
DETAIL4



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

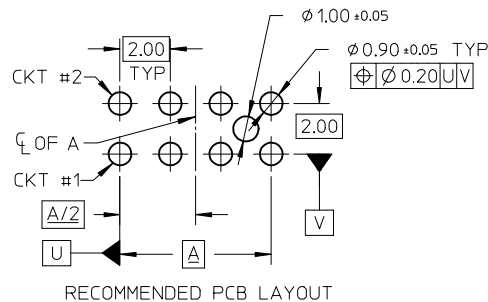
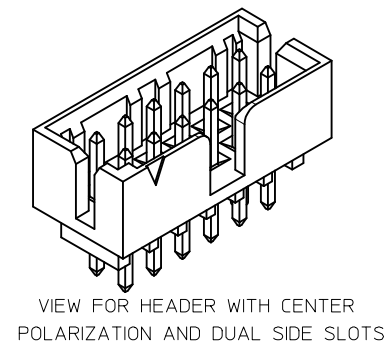
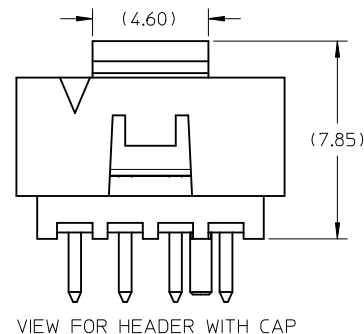
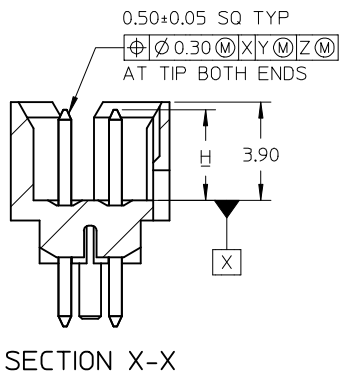
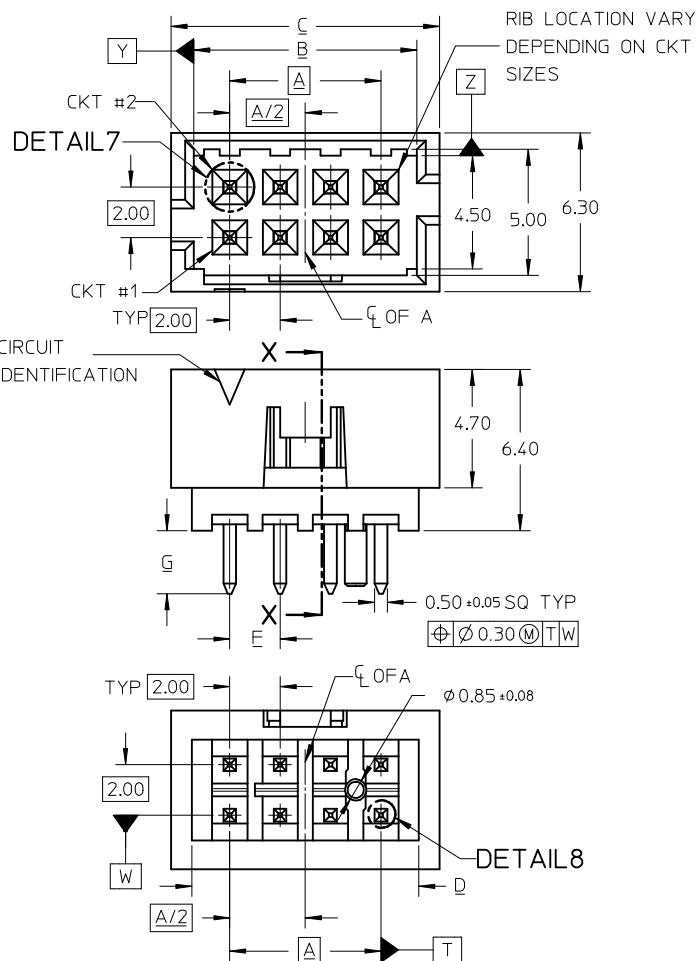
C. MOLEX 2MM MILLIGRID DUAL ROW RECEPTACLE:

79107 (GOLD PLATED), 78787 (TIN PLATED)

RELEASED EC NO: S2015-1188 DRAWN:GMEARLY CHKD:CGOH APPR:KHLIM	2015/04/15 2015/06/29 2015/06/29	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 GMEARLY	DATE 2015/04/15	TITLE MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER				
				4 PLACES	± ---	± ---	CHECKED BY	DATE					
				3 PLACES	± ---	± ---							
				2 PLACES	± 0.20	± ---			molex				
				1 PLACE	± ---	± ---							
				0 PLACE	± ---	± ---							
				ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87831-0001		4 OF 13			
						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	N.A	2.50	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						N.A	2.50									
		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						N.A	2.50			3.60±0.20						
		87831-5241	N.A	N.A	2																						
		87831-5242	N.A	N.A	3																						
D		87831-6241	N.A	N.A	2	N.A	YES	YES	N.A	N.A	N.A	4.00	6.85	8.65	7.00	N.A	2.00	2.80	3.60 ^{+0.15} _{-0.10}	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	2.50					
		87831-0644	N.A	N.A	3																						
		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																						
		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	N.A	2.50
		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.					RELEASED EC NO: S2015-1188 DRWG:GMENARLY CHKD:CGOH APPR:KHL IM	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		A										
			mm	INCH	DRAWN BY GMENARLY				DATE 2015/04/15	TITLE MILLIGRID 2MM PITCH, THROUGH HOLE VERTICAL SHROUDED HEADER	SHEET NO. 5 OF 13																
		4 PLACES	± ---	± ---	CHECKED BY	DATE	APPROVED BY KHL IM	DATE 2015/06/29	DOCUMENT NO. SD-87831-0001																		
		ANGULAR ± 3 °		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																				
1b_frame_A3_P_AM_T Rev. G 2012/01/11											9	8	7	6	5	4	3	2	1								

8 TO 12 CIRCUITS



NOTES:

1. MATERIALS:

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

PIN: 0.50MM SQ PHOSPHOR BRONZE

2. FINISHES: REFER TO PLATING OPTIONS

3. PRODUCT SPECIFICATION: PS-87831-027

4. PACKAGING SPECIFICATION:

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:

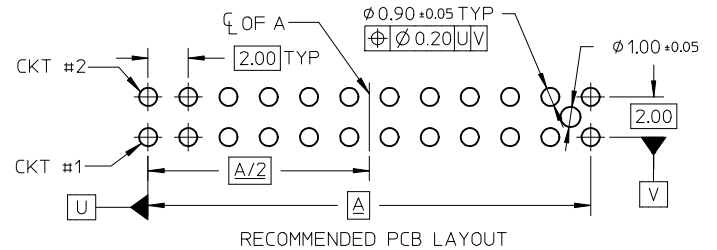
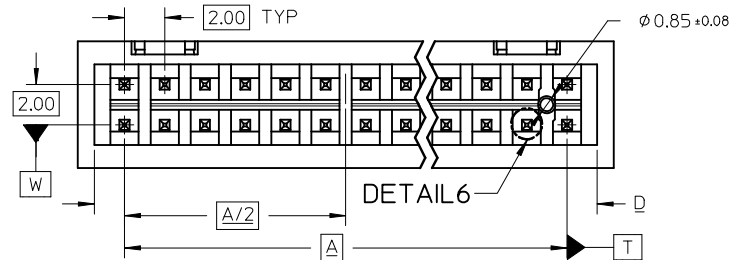
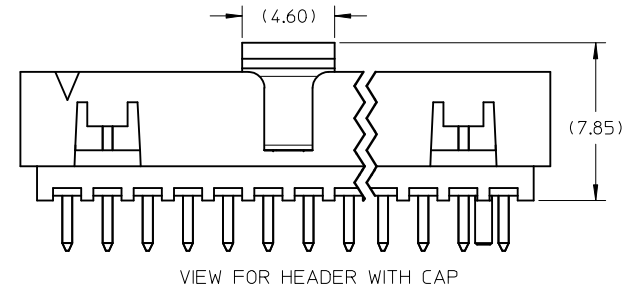
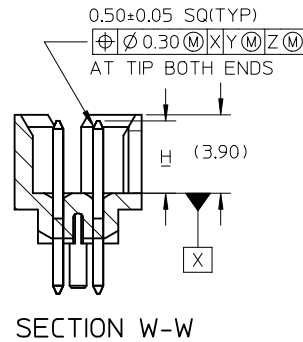
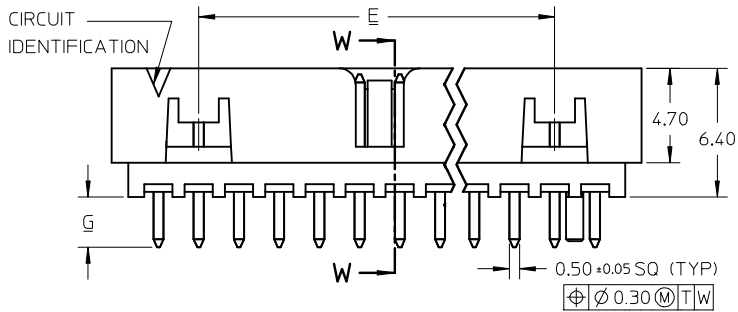
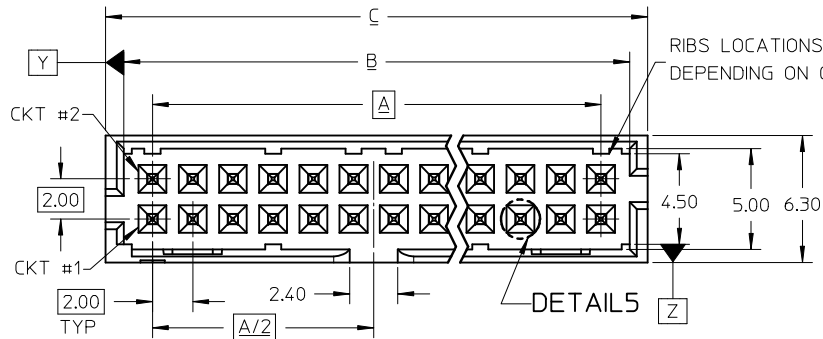
79107 (GOLD PLATED), 78787 (TIN PLATED)

RELEASED EC NO: S2015-1188 DRAWN:GMENARLY CHKD:CGOH APPR:KHLIM 2015/04/15 2015/06/29 2015/06/29	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_B=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		DATE	molex				
			2 PLACES	± 0.20	± ---	KHLIM	2015/06/29						
			1 PLACE	± ---	± ---	MATERIAL NO.		DOCUMENT NO.					
			0 PLACE	± ---	± ---	SEE TABLE		SD-87831-0001	6 OF 13				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 3 °		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															
		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	3.00	2.50	3.60±0.20		
		87831-0829	N.A	N.A	3																					
		87831-0841	N.A	87831-5551	2																					
		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	3.00	2.50	3.60±0.20		
		87831-5442	N.A	N.A	3																					
N.A	87831-5541	N.A	2																							
N.A	87831-5542	N.A	3																							
D		87831-5741	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	3.00	2.50	3.60±0.15 -0.10	D						
		87831-5742	N.A	N.A	3																					
		87831-0832	N.A	N.A	2	N.A	YES	YES	N.A	N.A	YES										N.A	N.A	N.A	3.00	2.50	3.60±0.15 -0.10
		87831-0843	N.A	N.A	2																					
		87831-0844	N.A	N.A	3	N.A	YES	N.A	YES	N.A	YES							N.A			N.A	N.A	3.00	2.50	3.60±0.15 -0.10	
		87831-0845	N.A	N.A	2																					
		87831-0846	N.A	N.A	3																					
C																										
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.																										
1b_frame_A3_P_AM_T Rev. G 2012/01/11																										

	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	N.A	N.A	YES	N.A	YES	N.A							3.50									
		87831-1010	N.A	N.A	2																						
		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	N.A	YES	YES	N.A	N.A	N.A						4.00										2.50
87831-1042	N.A	87831-5553	3																								
87831-1032	N.A	N.A	2	N.A	YES													YES	N.A	N.A	YES	2.50					
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	YES	N.A	YES	N.A
87831-1045	N.A	N.A	2	N.A	YES													N.A	YES	N.A	YES	2.50					
87831-1046	N.A	N.A	3																								
D	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	D
		87831-1220	N.A	N.A	2																						
		87831-1221	N.A	N.A	3																						
		87831-1236	N.A	N.A	4	N.A	N.A	YES	N.A	YES	YES	2.50															
		87831-1228	N.A	N.A	2																						
		87831-1229	N.A	N.A	3																						
		87831-1241	N.A	N.A	2	N.A	YES	YES	N.A	N.A	N.A	5.00	2.50					3.60 ^{+0.15} _{-0.10}									
		87831-1242	N.A	N.A	3																						
		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	2.50															
87831-1243	N.A	N.A	2	N.A	YES								N.A					YES								N.A	N.A
87831-1244	N.A	N.A	3																N.A	YES	N.A	YES		N.A	N.A		
87831-1245	N.A	N.A	2			N.A	YES	N.A	YES	N.A	YES	2.50															
87831-1246	N.A	N.A	3																								
C		PLATING OPTIONS:																						C			
		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.																									
B																						B					
A																						A					
</																											

14 TO 50 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:

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	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					
				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	± ---	± ---												
0 PLACE	± ---	± ---	MATERIAL NO. SEE TABLE		SHEET NO. 9 OF 13									
ANGULAR ± 3 °														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														
REV	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	E																															
		87831-1420	N.A	87831-5554	2																																														
		87831-1421	N.A	N.A	3																																														
		87831-1436	N.A	N.A	4	YES	N.A	YES	N.A	YES	YES							2.50																																	
		87831-1428	N.A	N.A	2													3.50																																	
		87831-1429	N.A	N.A	3													3.50																																	
		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	N.A																																										
87831-1411	N.A	N.A	3																																																
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	D																															
		87831-1620	N.A	N.A	2																																														
		87831-1621	N.A	N.A	3																																														
		87831-1636	N.A	N.A	4	YES	N.A	YES	N.A	YES	YES							2.50																																	
		87831-1628	N.A	N.A	2													3.50																																	
		87831-1629	N.A	N.A	3													3.50																																	
		87831-1635	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES																																								
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	C																															
		87831-1820	N.A	N.A	2																																														
		87831-1821	N.A	N.A	3																																														
		87831-1836	N.A	N.A	4	YES	N.A	YES	N.A	YES	YES							2.50																																	
		87831-1828	N.A	N.A	2													3.50																																	
		87831-1829	N.A	N.A	3													3.50																																	
		A	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	A																					
87831-2020	N.A			N.A	2																																														
87831-2021	N.A			N.A	3																																														
87831-2036	N.A			N.A	4	YES	N.A	YES	N.A	YES	YES	2.50																																							
87831-2028	N.A			N.A	2							3.50																																							
87831-2029	N.A			N.A	3							3.50																																							
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																																																
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. RELEASED EC NO: S2015-1188 DRWN:GEMENARLY CHKD:GGOH APPR:KHL IM 2015/04/15 2015/06/29 2015/06/29 QUALITY SYMBOLS GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></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> ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM ONLY <table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>GMENARLY</td><td>2015/04/15</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td></td><td></td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>KHL IM</td><td>2015/06/29</td></tr></table> MATERIAL NO. SEE TABLE SCALE NTS DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE 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																					mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± ---	± ---	0 PLACE	± ---	± ---	DRAWN BY	DATE	GMENARLY	2015/04/15	CHECKED BY	DATE			APPROVED BY	DATE	KHL IM	2015/06/29	A
	mm	INCH																																																	
4 PLACES	± ---	± ---																																																	
3 PLACES	± ---	± ---																																																	
2 PLACES	± 0.20	± ---																																																	
1 PLACE	± ---	± ---																																																	
0 PLACE	± ---	± ---																																																	
DRAWN BY	DATE																																																		
GMENARLY	2015/04/15																																																		
CHECKED BY	DATE																																																		
APPROVED BY	DATE																																																		
KHL IM	2015/06/29																																																		
	10	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																	
	22	87831-2229	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES							2.50				
		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	E
				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																	
87831-2429	N.A			N.A	3																	
87831-2435	N.A			N.A	3																	
87831-2410	N.A	N.A	2	YES	N.A	YES	N.A	YES	N.A						3.50							
	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	D		
		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																	
		87831-2629	N.A	N.A	3																	
		87831-2610	N.A	N.A	2																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	C		
		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																	
		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	B		
		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																	
		87831-3029	N.A	N.A	3																	
		87831-3035	N.A	N.A	3																	
		87831-3010	87831-3030	87831-3050	2																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.																						
RELEASED EC NO: S2015-1188 DRWN:GEMARLY 2015/04/15 CHKD:CGOH 2015/06/29 APPR:KHL IM 2015/06/29 A		DESCRIPTION REV	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 GEMARLY 2015/04/15 CHECKED BY DATE APPROVED BY DATE KHL IM 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. 11 OF 13												
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						
A3																						

fb_frame_A3_P_AM_T Rev. G 2012/01/11		9		8		7		6		5		4		3		2		1	
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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	YES	N.A	YES	N.A	YES	YES							2.50		
E	34	87831-3229	N.A	N.A	3	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	
		87831-3419	N.A	N.A	1															
		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
		87831-3429	N.A	N.A	3	YES	N.A	YES	N.A	YES	YES							3.50		
D	36	87831-3435	N.A	N.A	3	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	
		87831-3619	N.A	N.A	1															
		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	YES	N.A	YES	N.A	YES	YES							2.50		
87831-3629	N.A	N.A	3	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			
87831-3819	N.A	N.A	1																	
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	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			
87831-4019	N.A	N.A	1																	
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	YES	N.A	YES	N.A	YES	N.A	3.50										
C	40	87831-4010	N.A	N.A	2	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	
		87831-4019	N.A	N.A	1															
		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
		87831-4029	N.A	N.A	3	YES	N.A	YES	N.A	YES	N.A							3.50		
B	32	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.																		B
		A	RELEASED EC NO: S2015-1188 DRWN:GMENARLY 2015/06/29 CHKD:CGOH 2015/06/29 APPR:KHL IM 2015/06/29 REV 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 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												

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	
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															
	87831-4228	N.A	N.A	2	YES	N.A	YES	N.A	YES	YES							2.50		
	87831-4229	N.A	N.A	3															
E	87831-4419	N.A	N.A	1	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	
	87831-4420	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	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									
D	87831-4619	N.A	N.A	1	YES	N.A	YES	N.A	YES	N.A	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															
	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	YES	N.A	YES	N.A	YES	N.A	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															
	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	YES	N.A	YES	N.A	YES	N.A	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															
	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									
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/10uin MIN. MATTE TIN OVER 1.25um/50uin MIN. NICKEL OVERALL.																		B
	RELEASED EC NO: S2015-1188 2015/04/15 2015/06/29 2015/06/29 DRAWN:GMEARLY CHKD:GGOH APPR:KHL IM REV																		
	QUALITY SYMBOLS F A =0 F E =0 F 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 GMEARLY 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. 13 OF 13																		
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
	A																		
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Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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