

Excellent Integrated System Limited

Stocking Distributor

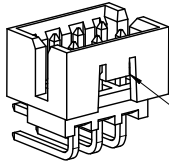
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0878333420](#)

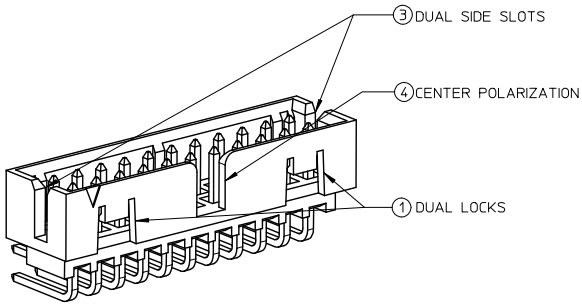
For any questions, you can email us directly:

sales@integrated-circuit.com

FEATURES SELECTION GUIDE



② CENTER LOCK



③ DUAL SIDE SLOTS

④ CENTER POLARIZATION

① DUAL LOCKS

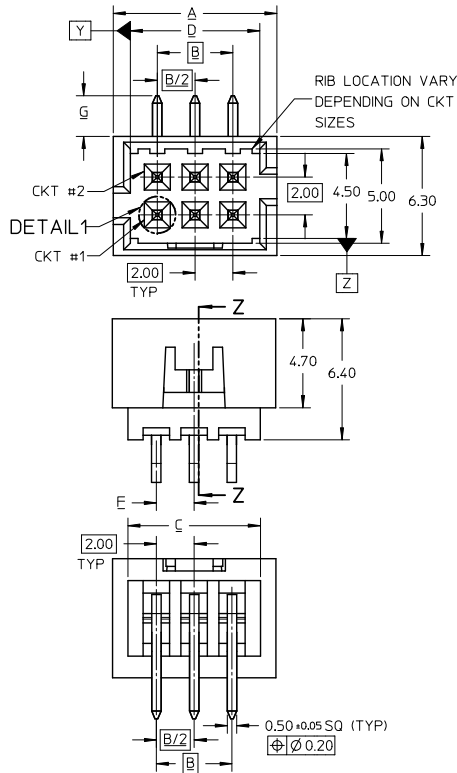
CIRCUIT SIZE	FEATURES				
	FRICTION LOCKS		③ DUAL SIDE SLOTS	④ CENTER POLARIZATION	SHEET NO
	① DUAL	② CENTER			
4 - 6	N.A	N.A	YES	N.A	2 - 3
	N.A	YES	YES	N.A	
8 TO 12	N.A	N.A	YES	YES	4 - 5
	N.A	YES	YES	N.A	
14 TO 50	YES	N.A	YES	YES	6 - 9
	N.A	N.A	YES	YES	

PACKAGING SPECIFICATION TABLE

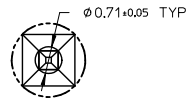
TAPE AND REEL PACKAGING	PK-87831-300
TUBE STANDARD PACKAGING	PK-87831-001
TUBE NON-STANDARD PACKAGING FOR: 87833-0861 87833-1420	PK-87831-002

ADD PK TABLE EC NO: S2017-0022 DRAWN BY: 2016/07/12 CHKD: 2016/07/27 APPR: KHLIM 2016/07/28 A2	QUALITY SYMBOLS DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION		
			MM ONLY		NTS	METRIC			
				mm	INCH	DRAWN BY		DATE	TITLE MILLIGRID 2MM PITCH, SMT R/A SHROUDED HEADER molex
			4 PLACES	± ---	± ---	GMENARLY		2015/09/29	
			3 PLACES	± ---	± ---	CHECKED BY		DATE	
			2 PLACES	± 0.20	± ---	CGOH		2015/10/30	
			1 PLACE	± ---	± ---	APPROVED BY		DATE	
			0 PLACE	± ---	± ---	KHLIM		2015/11/03	
			ANGULAR ± 3 °		MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	SD-87833-0001		1 OF 9	
SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

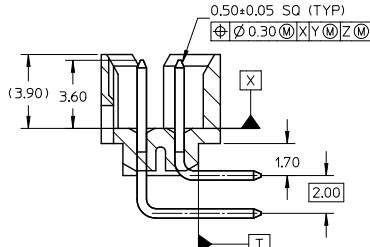
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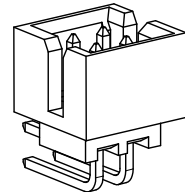
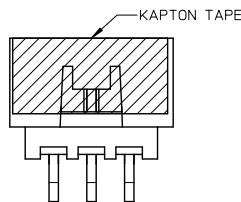
4 TO 6 CIRCUITS



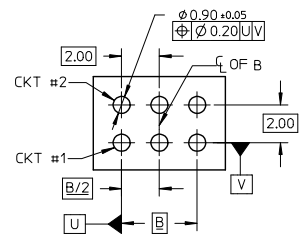
DETAIL 1



SECTION Z-Z



ISO VIEW OF HEADER
DUAL SIDE SLOTS



RECOMMENDED PCB LAYOUT

NOTES:

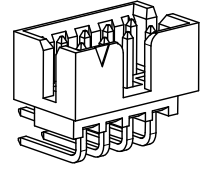
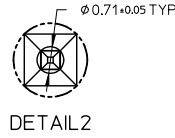
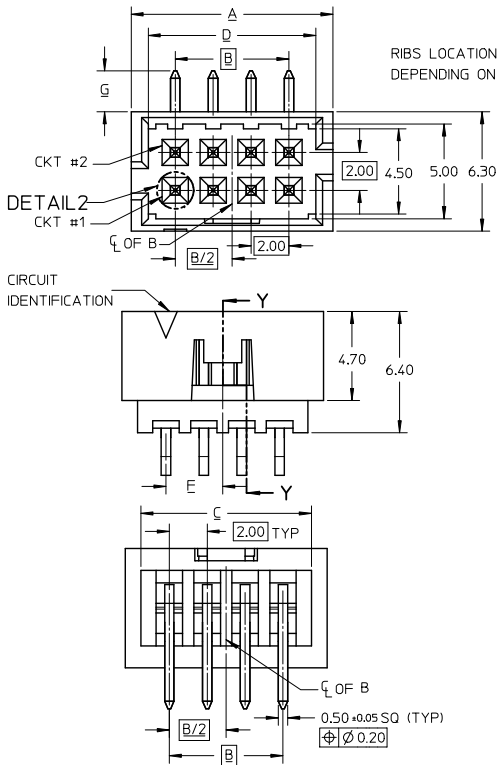
1. MATERIALS:
HOUSING: 30% GF, NYLON, UL94V-0, COLOR: BLACK
PIN: 0.50MM SQ PHOSPHOR BRONZE
2. FINISHES: REFER TO PLATING OPTIONS
3. PRODUCT SPECIFICATION: PS-87831-027
4. PACKAGING SPECIFICATION: SEE PACKAGING SPECS TABLE ON SHEET 1
5. MATES WITH: A. MOLEX CRIMP RECEPTACLE HOUSING: 51110 SERIES AND CRIMP TERMINAL: 50394 SERIES
B. MOLEX 2MM MILLIGRID DUAL ROW IDT: 87568 SERIES
C. MOLEX 2MM MILLIGRID DUAL ROW RECEPTACLE: 79107 (GOLD PLATED), 78787 (TIN PLATED)
6. FOR ILLUSTRATION PURPOSE, 6 CIRCUITS HEADER IS SHOWN

EDIT NOTE 4 EC NO: S2017-0022 DRAWN: GMENARLY 2016/07/12 CHKD: SCHEONG 2016/07/27 APPR: KHL IM 2016/07/28	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION							
						MM ONLY		NTS	METRIC								
				mm	INCH	DRAWN BY	DATE	TITLE MILLIGRID 2MM PITCH, SMT R/A SHROUDED HEADER molex									
			 =0	4 PLACES	± ---	± ---	GMENARLY						2015/09/29				
			 =0	3 PLACES	± ---	± ---	CHECKED BY						DATE				
			 =0	2 PLACES	± 0.20	± ---	CGOH						2015/10/30				
			 =0	1 PLACE	± ---	± ---	APPROVED BY						DATE				
				0 PLACE	± ---	± ---	KHL IM	2015/11/03	DOCUMENT NO. SD-87833-0001								
			ANGULAR ± 3 °			MATERIAL NO.		SHEET NO. 2 OF 9									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE											
A2	REV		SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														

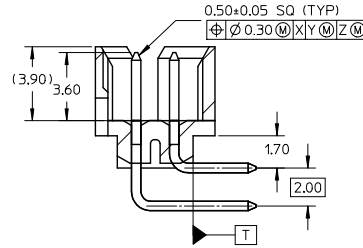
9 8 7 6 5 4 3 2 1

	10	9	8	7	6	5	4	3	2	1												
	4 TO 6 CIRCUITS																					
F	CKT SIZE	ASSY P/N WITHOUT KAPTON IN TUBE	ASSY P/N WITH KAPTON IN TUBE	ASSY P/N WITH KAPTON IN T&R	PLATING OPTIONS	FRICTION LOCKS		DUAL SIDE SLOTS	CENTER POLARIZATION	DIMENSION						F						
						DUAL	CENTER			A	B	C	D	E	F	G (SOLDER TAIL)						
	4	87833-0419	N.A	N.A	1	N.A	N.A	YES	N.A	6.65	2.00	5.00	4.85	N.A	N.A	2.16						
		87833-0420	N.A	N.A	2										N.A	3.18						
		87833-0421	N.A	N.A	3										N.A	2.16						
		87833-5920	N.A	N.A	2	N.A	YES	N.A	1.00						3.18							
		87833-0431	87833-0441	87833-0451	2	N.A	YES	YES	N.A						1.00	3.18						
		87833-0432	N.A	N.A	3	N.A	YES	YES	N.A						1.00	3.18						
E		87833-0461	N.A	N.A	2	N.A	YES	YES	N.A								E					
	6	87833-0619	N.A	N.A	1	N.A	N.A	YES	N.A	8.65	4.00	7.00	6.85	N.A	N.A	2.16						
		87833-0620	N.A	N.A	2										N.A	3.18						
		87833-0621	N.A	N.A	3										N.A	2.16						
		87833-6420	N.A	N.A	2	N.A	YES	N.A	2.00						3.18							
		87833-0631	87833-0641	87833-0651	2	N.A	YES	YES	N.A						2.00	3.18						
		87833-0632	N.A	N.A	3	N.A	YES	YES	N.A						N.A	2.92						
		87833-0661	N.A	N.A	2	N.A	YES	YES	N.A													
		87833-0624	N.A	N.A	2	N.A	N.A	YES	N.A													
		87833-0625	N.A	N.A	3																	
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 MIN. 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 MIN. GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.					SEE SHEET 1.2.4.6 EC NO: S2017-0022 DRAWN BY: 2016/07/12 CHKD: SCHEONG 2016/07/27 APPR: KHLIM 2016/07/28 A2	QUALITY SYMBOLS ∇=0 ∇=0 ∇=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 2015/09/29 CHECKED BY DATE CGOH 2015/10/30 APPROVED BY DATE KHLIM 2015/11/03 MATERIAL NO. SEE TABLE SIZE A3	SCALE NTS DESIGN UNITS METRIC THIRD ANGLE PROJECTION	MILLIGRID 2MM PITCH, SMT R/A SHROUDED HEADER molex				DOCUMENT NO. SD-87833-0001	SHEET NO. 3 OF 9						
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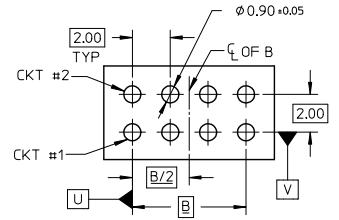
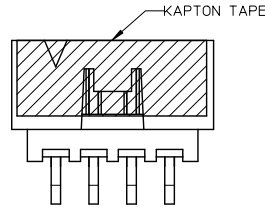
8 TO 12 CIRCUITS



ISO VIEW OF HEADER WITH CENTER POLARIZATION AND DUAL SIDE SLOTS



SECTION Y-Y



NOTES:

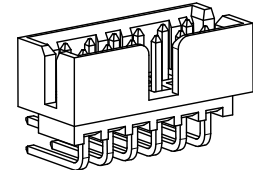
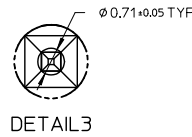
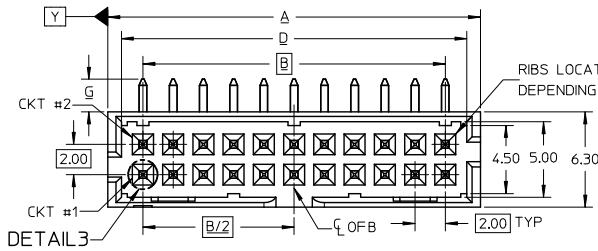
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			4 PLACES	± ---	± ---	GMEARLY	2015/09/29			
			3 PLACES	± ---	± ---	CHECKED BY	DATE			
			2 PLACES	± 0.20	± ---	CGOH	2015/10/30			
			1 PLACE	± ---	± ---	APPROVED BY	DATE			
		 =0	0 PLACE	± ---	± ---	KHLIM	2015/11/03			
		 =0	ANGULAR ± 3 °		MATERIAL 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				

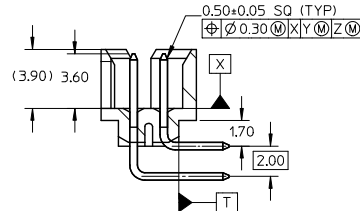
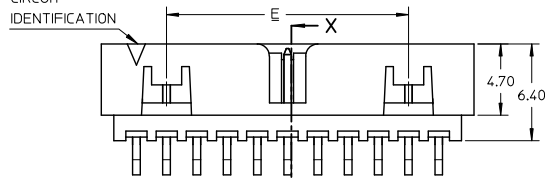
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10 9 8 7 6 5 4 3 2 1

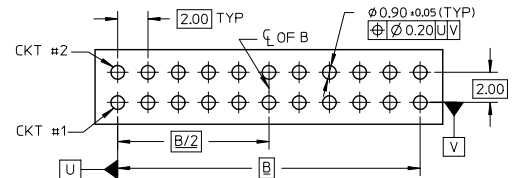
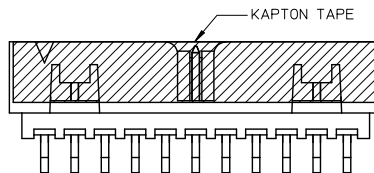
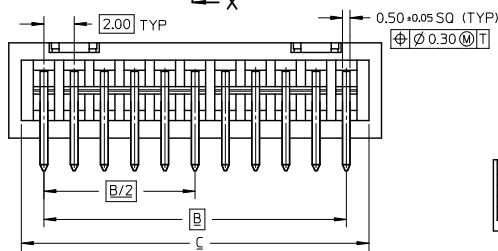
14 TO 50 CIRCUITS



ISO VIEW OF HEADER WITH CENTER POLARIZATION AND DUAL SIDE SLOTS



SECTION X-X



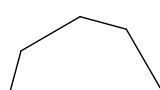
NOTES:

1. MATERIALS:
HOUSING: 30% GF, NYLON, UL94V-0, COLOR: BLACK
PIN: 0.50MM SQ PHOSPHOR BRONZE
2. FINISHES: REFER TO PLATING OPTIONS
3. PRODUCT SPECIFICATION: PS-87831-027
4. PACKAGING SPECIFICATION: SEE PACKAGING SPECS TABLE ON SHEET 1
5. MATES WITH: A. MOLEX CRIMP RECEPTACLE HOUSING: 51110 SERIES AND CRIMP TERMINAL: 50394 SERIES
B. MOLEX 2MM MILLIGRID DUAL ROW IDT: 87568 SERIES
C. MOLEX 2MM MILLIGRID DUAL ROW RECEPTACLE: 79107 (GOLD PLATED), 78787 (TIN PLATED)
6. FOR ILLUSTRATION PURPOSE, 22 CIRCUITS HEADER IS SHOWN

EDIT NOTE 4 EC NO: SZ07Y-0002 DRAWN BY CHYK-SHENG APPR-KHILIM A2	2016/07/12 2016/07/27 2016/07/28	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION			
						MM ONLY		NTS	METRIC				
					mm	INCH	DRAWN BY	DATE	TITLE MILLIGRID 2MM PITCH, SMT R/A SHROUDED HEADER molex				
				 =0	4 PLACES	± ---	± ---	GMENARLY			2015/09/29		
				 =0	3 PLACES	± ---	± ---	CHECKED BY			DATE		
				 =0	2 PLACES	± 0.20	± ---	CGOH			2015/10/30		
				 =0	1 PLACE	± ---	± ---	APPROVED BY			DATE		
					0 PLACE	± ---	± ---	KHLIM	2015/11/03		DOCUMENT NO. SD-87833-0001		
				ANGULAR ± 3 °				MATERIAL NO.					SHEET NO. 6 OF 9
				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							

9 8 7 6 5 4 3 2 1

10															9															8															7															6															5															4															3															2															1															
14 TO 24 CIRCUITS																																																																																																																																																						
F	CKT SIZE	ASSY P/N WITHOUT KAPTON IN TUBE	ASSY P/N WITH KAPTON IN TUBE	ASSY P/N WITH KAPTON IN T&R	PLATING OPTIONS	FRICTION LOCKS		DUAL SIDE SLOTS	CENTER POLARIZATION	DIMENSION						F																																																																																																																																						
						DUAL	CENTER			A	B	C	D	E	F		G (SOLDER TAIL)																																																																																																																																					
14	87833-1419	N.A	N.A	1	YES	N.A	YES	YES	16.65	12.00	15.00	14.85	8.00	N.A	2.16																																																																																																																																							
	87833-1420	N.A	N.A	2																																																																																																																																																		
	87833-1421	N.A	N.A	3	YES	N.A	YES	YES																																																																																																																																														
	87833-5320	N.A	N.A	2																																																																																																																																																		
	87833-5321	N.A	N.A	3	YES	N.A	YES	YES																																																																																																																																														
87833-1436	N.A	N.A	3																																																																																																																																																			
E	87833-1619	N.A	N.A	1	YES	N.A	YES	YES	18.65	14.00	17.00	16.85	10.00	N.A	2.16																																																																																																																																							
	87833-1620	N.A	N.A	2																																																																																																																																																		
	87833-1621	N.A	N.A	3	YES	N.A	YES	YES																																																																																																																																														
	87833-6120	N.A	87833-7120	2																																																																																																																																																		
	18	87833-1819	N.A	N.A	1	YES	N.A	YES								YES	20.65	16.00	19.00	18.85	12.00	N.A	2.16																																																																																																																															
87833-1820		N.A	N.A	2																																																																																																																																																		
87833-1821		N.A	N.A	3	YES	N.A	YES	YES																																																																																																																																														
87833-6220		N.A	N.A	2																																																																																																																																																		
D		87833-2019	N.A	N.A	1	YES	N.A	YES	YES	22.65	18.00	21.00	20.85	14.00	N.A	2.16																																																																																																																																						
	87833-2020	N.A	87833-7220	2																																																																																																																																																		
	87833-2021	N.A	N.A	3																																																																																																																																																		
	87833-6520	N.A	N.A	2	YES	N.A	YES	YES																																																																																																																																														
	87833-6521	N.A	N.A	3																																																																																																																																																		
	87833-2036	N.A	N.A	3	YES	N.A	YES	YES																																																																																																																																														
	22	87833-2219	N.A	N.A					1								YES	N.A	YES	YES	24.65	20.00	23.00	22.85	16.00	N.A	2.16																																																																																																																											
87833-2220		N.A	N.A	2																																																																																																																																																		
87833-2221		N.A	N.A	3																																																																																																																																																		
C		87833-2419	N.A	N.A	1	YES	N.A	YES	YES	26.65	22.00	25.00	24.85	18.00	N.A	2.16																																																																																																																																						
		87833-2420	N.A	87833-7020	2																																																																																																																																																	
	87833-2421	N.A	N.A	3	YES	N.A	YES	YES																																																																																																																																														
	87833-2436	N.A	N.A	3																																																																																																																																																		
	87833-6920	N.A	N.A	2	YES	N.A	YES	YES																																																																																																																																														
B																																																																																																																																																						B
A																																																																																																																																																						A

	10	9	8	7	6	5	4	3	2	1																								
	26 TO 38 CIRCUITS																																	
F	CKT SIZE	ASSY P/N WITHOUT KAPTON IN TUBE	ASSY P/N WITH KAPTON IN TUBE	ASSY P/N WITH KAPTON IN T&R	PLATING OPTIONS	FRICTION LOCKS		DUAL SIDE SLOTS	CENTER POLARIZATION	DIMENSION						F																		
						DUAL	CENTER			A	B	C	D	E	F	G (SOLDER TAIL)																		
	26	87833-2619	N.A	N.A	1	YES	N.A	YES	YES	28.65	24.00	27.00	26.85	20.00	N.A	2.16																		
87833-2620		N.A	N.A	2	3.50																													
87833-2621		N.A	N.A	3	YES	N.A	YES	YES	2.16																									
87833-2636		N.A	N.A	3												3.50																		
E	28	87833-2819	N.A	N.A	1	YES	N.A	YES	YES	30.65	26.00	29.00	28.85	22.00	N.A	2.16																		
87833-2820		N.A	N.A	2	3.18																													
87833-2821		N.A	N.A	3	YES	N.A	YES	YES	2.16																									
87833-6620		N.A	N.A	2												3.18																		
	30	87832-3019	N.A	N.A	1	YES	N.A	YES	YES	32.65	28.00	31.00	30.85	24.00	N.A	2.16																		
87833-3020		N.A	N.A	2	YES											N.A	YES	YES	3.18															
87833-3021		N.A	N.A	3																3.50														
87833-6720		N.A	N.A	2	YES	N.A	YES	YES	2.16																									
87833-6721		N.A	N.A	3												YES	N.A	YES	YES	3.18														
87833-3036		N.A	N.A	3																	3.50													
D	32	87833-3219	N.A	N.A	1	YES	N.A	YES	YES	34.65	30.00	33.00	32.85	26.00	N.A	2.16																		
87833-3220		N.A	N.A	2	YES											N.A	YES	YES	2.16															
87833-3221		N.A	N.A	3																2.92														
	34	87833-3419	N.A	N.A	1	YES	N.A	YES	YES	36.65	32.00	35.00	34.85	28.00	N.A	2.16																		
87833-3420		N.A	N.A	2	YES											N.A	YES	YES	3.18															
87833-3421		N.A	N.A	3																2.92														
87833-5420		N.A	N.A	2	YES	N.A	YES	YES	2.16																									
87833-3424		N.A	N.A	2												N.A	N.A	YES	YES	2.92														
C	36	87833-3619	N.A	N.A	1	YES	N.A	YES	YES	38.65	34.00	37.00	36.85	30.00	N.A	2.16																		
87833-3620		N.A	N.A	2	YES											N.A	YES	YES	2.16															
87833-3621		N.A	N.A	3																2.16														
	38	87833-3819	N.A	N.A	1	YES	N.A	YES	YES	40.65	36.00	39.00	38.85	32.00	N.A	2.16																		
87833-3820		N.A	N.A	2	YES											N.A	YES	YES	2.16															
87833-3821		N.A	N.A	3																2.16														
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 MIN. 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 MIN. GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.					SEE SHEET 12.4.6 EC NO: S2017-0022 2016/07/12 DRWNGENARLY 2016/07/27 CHKD:SCHEONG APPR:KHL IN 2016/07/28 QUALITY SYMBOLS √=0 √=0 √=0 GENERAL TOLERANCES (UNLESS SPECIFIED) <table><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> ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM ONLY DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE GMENARLY 2015/09/29 CGOH 2015/10/30 KHL IM 2015/11/03 SCALE NTS DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE MILLIGRID 2MM PITCH, SMT R/A SHROUDED HEADER molex MATERIAL NO. SEE TABLE DOCUMENT NO. SD-87833-0001 SHEET NO. 8 OF 9 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	±---	±---
	mm	INCH																																
4 PLACES	±---	±---																																
3 PLACES	±---	±---																																
2 PLACES	±0.20	±---																																
1 PLACE	±---	±---																																
0 PLACE	±---	±---																																
	10	9	8	7	6	5	4	3	2	1																								

	10	9	8	7	6	5	4	3	2	1								
	40 TO 50 CIRCUITS																	
F	CKT SIZE	ASSY P/N WITHOUT KAPTON IN TUBE	ASSY P/N WITH KAPTON IN TUBE	ASSY P/N WITH KAPTON IN T&R	PLATING OPTIONS	FRICTION LOCKS		DUAL SIDE SLOTS	CENTER POLARIZATION	DIMENSION						F		
						DUAL	CENTER			A	B	C	D	E	F		G (SOLDER TAIL)	
	40	87833-4019	N.A	N.A	1	YES	N.A	YES	YES	42.65	38.00	41.00	40.85	34.00	N.A	2.16		
	87833-4020	N.A	N.A	2														
87833-4021	N.A	N.A	3															
E	42	87833-4219	N.A	N.A	1	YES	N.A	YES	YES	44.65	40.00	43.00	42.85	36.00	N.A	2.16		
		87833-4220	N.A	N.A	2													
		87833-4221	N.A	N.A	3													
	44	87833-4419	N.A	N.A	1	YES	N.A	YES	YES	46.65	42.00	45.00	44.85	38.00	N.A	2.16		
		87833-4420	N.A	N.A	2													
		87833-4421	N.A	N.A	3													
		87833-4424	N.A	N.A	2	N.A	N.A	YES	YES									
		87832-4425	N.A	N.A	3											2.92		
	D	46	87833-4619	N.A	N.A	1	YES	N.A	YES	YES	48.65	44.00	47.00	46.85	40.00	N.A	2.16	
			87833-4620	N.A	N.A	2												
87833-4621			N.A	N.A	3													
48		87833-4819	N.A	N.A	1	YES	N.A	YES	YES	50.65	46.00	49.00	48.85	42.00	N.A	2.16		
		87833-4820	N.A	N.A	2													
		87833-4821	N.A	N.A	3													
50		87833-5019	N.A	N.A	1	YES	N.A	YES	YES	52.65	48.00	51.00	50.85	44.00	N.A	0.15		
		87833-5020	N.A	N.A	2													
		87833-5021	N.A	N.A	3													
C																		
B																		B
A	PLATING OPTIONS:					SEE SHEET 1246 EC NO: S2017-0022 DRAWN BY: JDRINGEMARLY 2016/07/12 CHKD: SCHEONG 2016/07/27 APPR: KHLIM 2016/07/28 REV: A2	QUALITY SYMBOLS √=0 √=0 √=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: GMENARLY DATE: 2015/09/29 CHECKED BY: CGOH DATE: 2015/10/30 APPROVED BY: KHLIM DATE: 2015/11/03 MATERIAL NO. SEE TABLE	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE MILLIGRID 2MM PITCH, SMT R/A SHROUDED HEADER molex	DOCUMENT NO. SD-87833-0001	SHEET NO. 9 OF 9	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	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 MIN. 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 MIN. GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.																	
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