

Excellent Integrated System Limited

Stocking Distributor

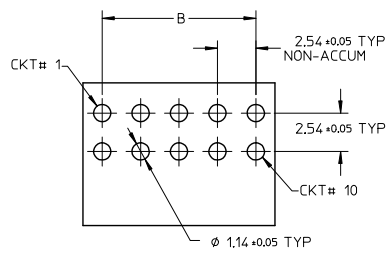
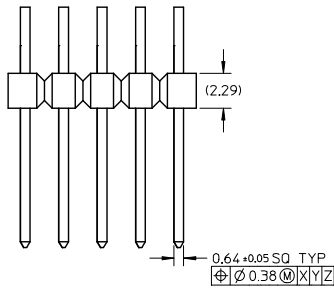
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0879113614](#)

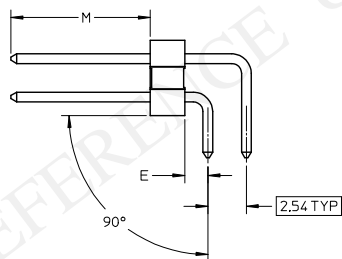
For any questions, you can email us directly:

sales@integrated-circuit.com

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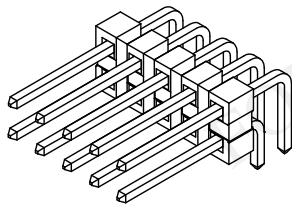
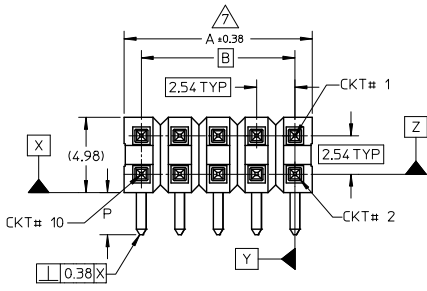


RECOMMENDED PCB LAYOUT



NOTES

- MATERIAL:**
HSG: LCP, GLASS-FILLED, UL94V-0 COLOR: BLACK
PIN: 0.64MM SQ. COPPER ALLOY
- PLATING TYPE:**
 - (1) : GOLD FLASH OVER
1.25µm MIN. NICKEL OVERALL.
 - (2) : 0.05 µm MIN. GOLD PLATE ON CONTACT AND
2.50 µm MIN. TIN ON SOLDER TAIL OVER
1.25 µm MIN. NICKEL OVERALL.
 - (3) : 0.38 µm MIN. GOLD PLATE ON CONTACT AND
2.00 µm MIN. TIN ON SOLDER TAIL OVER
1.25 µm MIN. NICKEL OVERALL.
 - (4) : 0.75 µm MIN. GOLD PLATE ON CONTACT AND
2.00 µm MIN. TIN ON SOLDER TAIL OVER
1.25 µm MIN. NICKEL OVERALL.
 - (5) : 2.50 µm MIN. TIN IN SELECTED AREA OVER
1.25 µm MIN. NICKEL OVERALL.
- PRODUCT SPECIFICATION: PS-87920-019
- PACKAGING TYPE: SEE TABLE
- PACKAGING SPECIFICATION:
 - (1) TUBE: PK-89990-519
 - (2) TUBE: PK-89990-520
 - (3) TRAY: PK-89990-489
 - (4) TAPE AND REEL: TBD
- WAFER TO BE FLAT WITHIN 0.003 mm/mm
- IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
- RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
- THE ABOVE CKT 10 IS FOR ILLUSTRATION PURPOSE ONLY
- TUBE LENGTH AS PER STANDARD 560mm



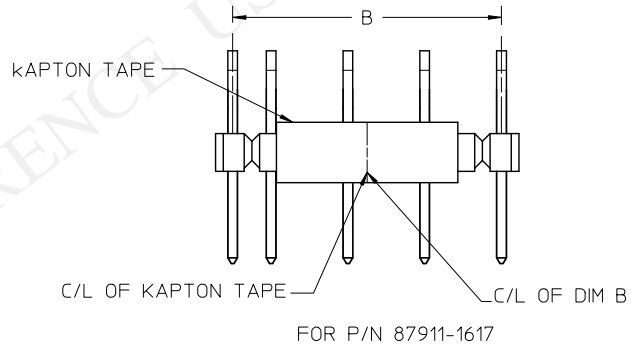
SEE SHEET 2 EC NO. S2016-0893 DRAWN BY: MRAMAKRISHNA 2016/03/29 CHKD: MRAMAKRISHNA 2016/04/12 APPR: MRAMAKRISHNA 2016/04/12	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	mm INCH ± --- ± --- ± 0.2 ± --- ± --- ± ---	DRAWN BY MRAMAKRISHNA 2015/05/18	DATE 2015/05/18	CHECKED BY ATSEE	DATE 2015/05/18	TITLE CUSTOM HEADER 2.54MM PITCH C-GRID HDR, SINGLE WAFER, RIGHT ANGLE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE	APPROVED BY MRAMAKRISHNA 2015/07/23		DATE 2015/07/23	DOCUMENT NO. SD-87911-0001	SHEET NO. 1 OF 2		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

CKT SIZE	DIMENSION	
	A	B
02	2.54	-
04	5.08	2.54
06	7.62	5.08
08	10.16	7.62
10	12.70	10.16
12	15.24	12.70
14	17.78	15.24
16	20.32	17.78
18	22.86	20.32
20	25.40	22.86
22	27.94	25.40
24	30.48	27.94
26	33.02	30.48
28	35.56	33.02
30	38.10	35.56
32	40.64	38.10
34	43.18	40.64
36	45.72	43.18
38	48.26	45.72
40	50.80	48.26
42	53.34	50.80
44	55.88	53.34
46	58.42	55.88
48	60.96	58.42
50	63.50	60.96

PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	PACKAGING SPECIFICATION	DIMENSION		
TAPE AND REEL	TRAY	TUBE					MATING END M	SOLDER TAIL P	E
-	-	87911-0207	02	-	1	1	5.80	3.60	1.81
-	-	87911-0414	04	-	1	1	5.80	3.60	1.81
-	-	87911-0814	08	-	1	1	5.80	3.60	1.81
-	87911-1016	-	10	-	5	3	2.46	2.46	1.52
87911-1617	-	-	16	CKT 3, 4, 7, 8, 11 & 12	4	4	6.10	2.00	2.61

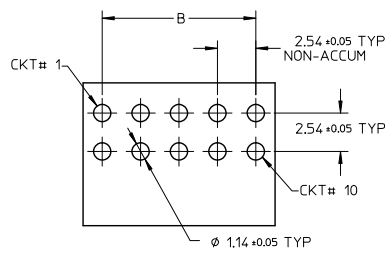
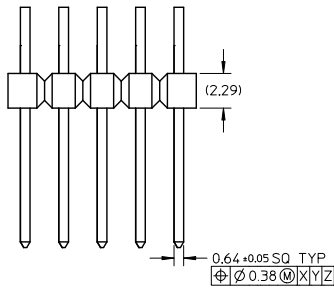
KAPTON TAPE POSITION ILLUSTRATION FOR REFERENCE



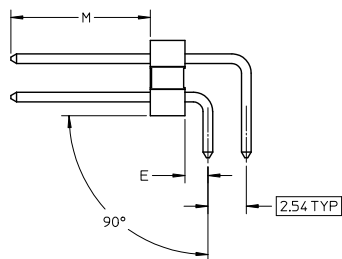
FOR REFERENCE USE ONLY

ADD: P/N: 87911-0207 P/N: 0814 EC NO: S2016-0893 DRW: MRAMAKRI SHNA 2016/03/29 CHKD: MRAMAKRI SHNA 2016/04/12 APPR: MRAMAKRI SHNA 2016/04/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	√=0	mm INCH	MM ONLY	NTS	METRIC	
	√=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	√=0	3 PLACES ± --- ± ---	MRAMAKRI SHNA 2015/05/18	CUSTOM HEADER		
	2 PLACES ± 0.2 ± ---	CHECKED BY DATE	2.54MM PITCH C-GRID HDR,			
	1 PLACE ± --- ± ---	ATSEE 2015/05/18	SINGLE WAFER, RIGHT ANGLE			
	ANGULAR ± 3 °	APPROVED BY DATE	MOLEX INCORPORATED			
		MRAMAKRI SHNA 2015/07/23	MOLEX INCORPORATED			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.			
		SEE TABLE	SD-87911-0001			
		SIZE A3	SHEET NO. 2 OF 2			
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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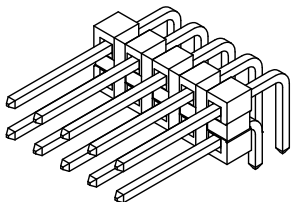
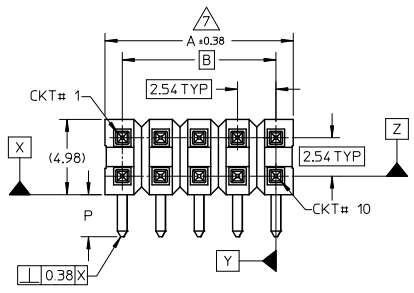


RECOMMENDED PCB LAYOUT



NOTES

1. MATERIAL:
HSG: LCP, GLASS-FILLED, UL94V-0 COLOR: BLACK
PIN: 0.64MM SQ. COPPER ALLOY
2. PLATING TYPE:
(1) : GOLD FLASH OVER
1.25µm MIN. NICKEL OVERALL.
(2) : 0.05 µm MIN. GOLD PLATE ON CONTACT AND
2.50 µm MIN. TIN ON SOLDERTAIL OVER
1.25 µm MIN. NICKEL OVERALL.
(3) : 0.38 µm MIN. GOLD PLATE ON CONTACT AND
2.00 µm MIN. TIN ON SOLDERTAIL OVER
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1.25 µm MIN. NICKEL OVERALL.
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(2) TUBE: PK-89990-520
(3) TRAY: PK-89990-489
6. WAFER TO BE FLAT WITHIN 0.003 mm/mm
7. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
8. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
9. THE ABOVE CKT 10 IS FOR ILLUSTRATION PURPOSE ONLY
10. TUBE LENGTH AS PER STANDARD 560mm



OBS P/N: 87911-1000/1014 EC NO. S2012-0790 DRAWN BY: 2012/04/20 CHKD BY: 2012/05/03 APPR: 2012/05/15	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		mm	INCH	MM ONLY		NTS	METRIC	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE		
		2 PLACES ± 0.2 ± ---	1 PLACE ± --- ± ---	SKL IM01	2006/10/30	CUSTOM HEADER 2.54MM PITCH C-GRID HDR, SINGLE WAFER, RIGHT ANGLE		
ANGULAR ± 3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		CHECKED BY	DATE	MOLEX INCORPORATED	
REV B	DESCRIPTION	MATERIAL NO.		APPROVED BY		DATE	DOCUMENT NO.	SHEET NO.
		SIZE		KWLEE		2006/11/20	SD-87911-046	1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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CKT SIZE	DIMENSION		PART NO.					DIMENSION				
	A	B	TRAY	TUBE	CKT SIZE	VOID POSITION	KINK POSITION	PLATING TYPE	PACKAGING SPECIFICATION	MATING END	SOLDER TAIL	E
										M	P	
02	2.54	-										
04	5.08	2.54	87911-0614	-	6	-	-	2	3	9.60	5.00	2.61
06	7.62	5.08	87911-0615	-	6	-	-	2	3	10.83	5.00	1.72
08	10.16	7.62	-	87911-1015	10	-	-	5	1	7.50	4.00	1.96
10	12.70	10.16	-	87911-1600	16	-	-	5	1	4.00	4.50	1.52
12	15.24	12.70	-	87911-1614	16	-	-	5	1	3.35	2.34	1.52
14	17.78	15.24	-	87911-1615	16	-	-	4	1	3.35	2.34	1.52
16	20.32	17.78	-	87911-2414	24	-	-	5	1	3.35	2.34	1.52
18	22.86	20.32	-	87911-2415	24	-	-	4	1	3.35	2.34	1.52
20	25.40	22.86	87911-3614	-	36	-	-	5	3	2.60	5.13	1.77
22	27.94	25.40										
24	30.48	27.94										
26	33.02	30.48										
28	35.56	33.02										
30	38.10	35.56										
32	40.64	38.10										
34	43.18	40.64										
36	45.72	43.18										
38	48.26	45.72										
40	50.80	48.26										
42	53.34	50.80										
44	55.88	53.34										
46	58.42	55.88										
48	60.96	58.42										
50	63.50	60.96										

fb_frame_A3_P_AM_T
Rev. F 2009/06/18

OBS P/N: 87911-1000/1014 EC NO: S2012-0790 DRAWN: SKANG CHECKED: AT SEE APPROVED: M LONG	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\sqrt{\text{A}}=0$ $\sqrt{\text{B}}=0$ $\sqrt{\text{C}}=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM ONLY	DRAWN BY SKL I M 01 DATE 2006/10/30 CHECKED BY CWL AM DATE 2006/11/20 APPROVED BY KWLEE DATE 2006/11/20	NTS	METRIC	TITLE CUSTOM HEADER 2.54MM PITCH C-GRID HDR, SINGLE WAFER, RIGHT ANGLE MOLEX INCORPORATED
	REV B	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87911-046	SHEET NO. 2 OF 2		
		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				