

Excellent Integrated System Limited

Stocking Distributor

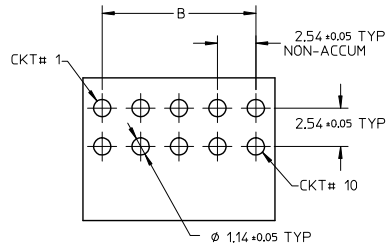
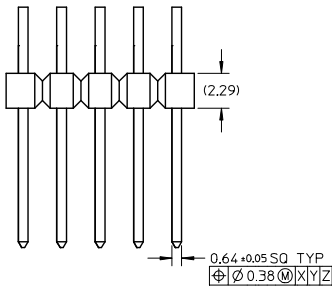
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
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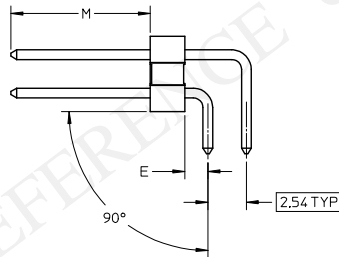
For any questions, you can email us directly:

sales@integrated-circuit.com

10 9 8 7 6 5 4 3 2 1

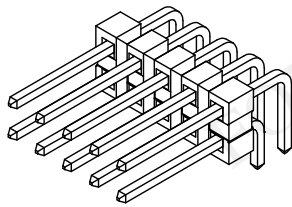
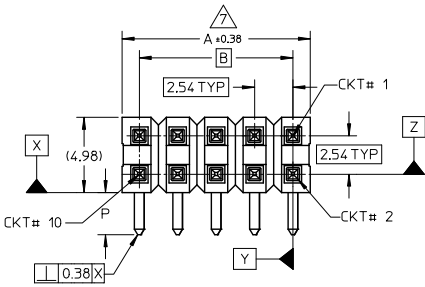


RECOMMENDED PCB LAYOUT



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
1.25 µm MIN. NICKEL OVERALL.
(4) : 0.75 µm MIN. GOLD PLATE ON CONTACT AND
2.00 µm MIN. TIN ON SOLDERTAIL OVER
1.25 µm MIN. NICKEL OVERALL.
(5) : 2.50 µm MIN. TIN IN SELECTED AREA OVER
1.25 µm MIN. NICKEL OVERALL.
3. PRODUCT SPECIFICATION: PS-87920-019
4. PACKAGING TYPE: SEE TABLE
5. PACKAGING SPECIFICATION:
(1) TUBE: PK-89990-519
(2) TUBE: PK-89990-520
(3) TRAY: PK-89990-489
(4) TAPE AND REEL: TBD
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



SEE SHEET 2 EC NO. S2016-0893 DRAWN: MRAMAKRISHNA 2016/03/29 CHKD: CHYK 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 °	DRAWN BY MRAMAKRISHNA 2015/05/18	DATE 2015/05/18
3	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO. SD-87911-0001	DOCUMENT NO. SD-87911-0001	SHEET NO. 1 OF 2

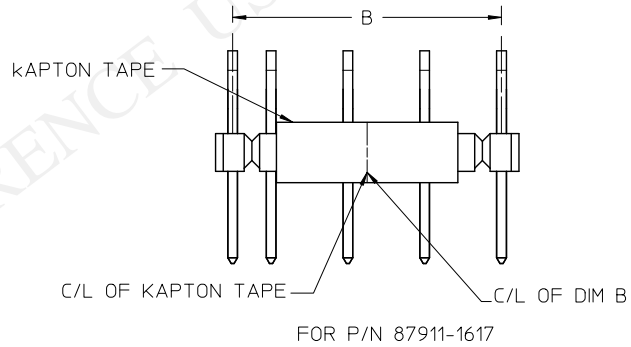
9 8 7 6 5 4 3 2 1

10 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

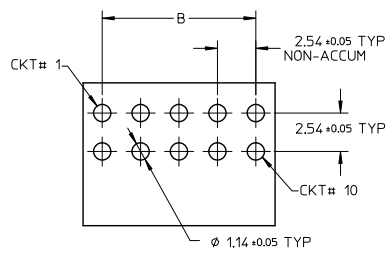
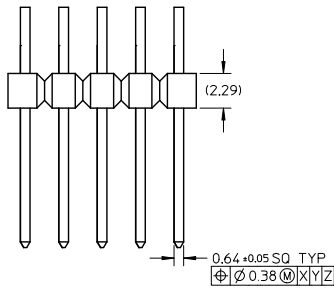


FOR REFERENCE USE ONLY

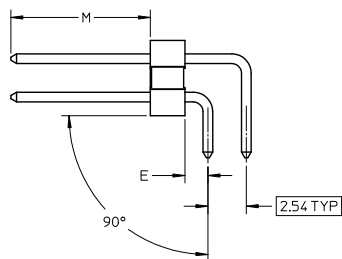
ADD: P/N: 87911-0207 D: 04/08/14 EC NO: S2016-0893 J: DRW: MRAMAKRI SHNA 2016/03/29 CHKD: MRAMAKRI SHNA 2016/04/12 APPR: MRAMAKRI SHNA 2016/04/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\sqrt{\text{A}}=0$ $\sqrt{\text{B}}=0$ $\sqrt{\text{C}}=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM ONLY	NTS	METRIC	CUSTOM HEADER 2.54MM PITCH C-GRID HDR, SINGLE WAFER, RIGHT ANGLE
	DRAWN BY: MRAMAKRI SHNA 2015/05/18 CHECKED BY: ATSEE 2015/05/18 APPROVED BY: MRAMAKRI SHNA 2015/07/23	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MOLEX INCORPORATED DOCUMENT NO. SD-87911-0001	SHEET NO. 2 OF 2	
	MATERIAL NO. 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

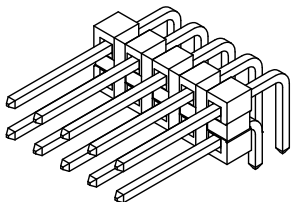
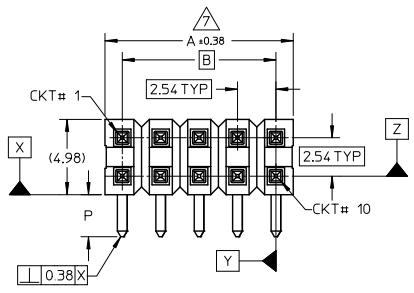


RECOMMENDED PCB LAYOUT



NOTES

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

9 8 7 6 5 4 3 2 1

CKT SIZE	DIMENSION		PART NO.					DIMENSION				
	A	B	TRAY	TUBE	CKT SIZE	VOID POSITION	KINK POSITION	PLATING TYPE	PACKAGING SPECIFICATION	MATING END M	SOLDER TAIL P	E
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										

OBS P/N: 87911-1000/1014 EC NO: S2012-0790 DRAWN: SKANG CHKD: ATSEE APPR: M LONG	QUALITY SYMBOLS √=0 √=0 √=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY	DATE	NTS	METRIC	
REV B	DESCRIPTION	4 PLACES	± ---	± ---	SKL IM01	2006/10/30	TITLE	
		3 PLACES	± ---	± ---	CHECKED BY	DATE	CUSTOM HEADER	
		2 PLACES	± 0.2	± ---	CWLAM	2006/11/20	2.54MM PITCH C-GRID HDR, SINGLE WAFER, RIGHT ANGLE	
		1 PLACE	± ---	± ---	APPROVED BY	DATE	MOLEX INCORPORATED	
		ANGULAR ± 3 °			KWLEE	2006/11/20	DOCUMENT NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	MATERIAL NO.		SD-87911-046	
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			