

CKT SIZE	DIMENSION				
	A	B	C	D	E
4	2.00	4.85	6.65	5.00	---
6	4.00	6.85	8.65	7.00	---
8	6.00	8.85	10.65	9.00	---
10	8.00	10.85	12.65	11.00	---
12	10.00	12.85	14.65	13.00	---
14	12.00	14.85	16.65	15.00	8.00
16	14.00	16.85	18.65	17.00	10.00
18	16.00	18.85	20.65	19.00	12.00
20	18.00	20.85	22.65	21.00	14.00
22	20.00	22.85	24.65	23.00	16.00
24	22.00	24.85	26.65	25.00	18.00
26	24.00	26.85	28.65	27.00	20.00
28	26.00	28.85	30.65	29.00	22.00
30	28.00	30.85	32.65	31.00	24.00
32	30.00	32.85	34.65	33.00	26.00
34	32.00	34.85	36.65	35.00	28.00
36	34.00	36.85	38.65	37.00	30.00
38	36.00	38.85	40.65	39.00	32.00
40	38.00	40.85	42.65	41.00	34.00
42	40.00	42.85	44.65	43.00	36.00
44	42.00	44.85	46.65	45.00	38.00
46	44.00	46.85	48.65	47.00	40.00
48	46.00	48.85	50.65	49.00	42.00
50	48.00	50.85	52.65	51.00	44.00

- NOTES:
- FOR ILLUSTRATION PURPOSES, 20 CIRCUIT SIZE WAFER IS SHOWN.
  - MATERIAL :  
HOUSING : LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION, GLASS FILLED. COLOR: BLACK.  
PIN : 0.50MM SQ. COPPER ALLOY.
  - PRODUCT SPECIFICATION PS-151117-0001 APPLIES.
  - RIB LOCATION VARIES, DEPENDING ON CKT SIZES.
  - CKT 4 AND 6 HAS NO IDENTIFICATION TAG.
  - POSITION OF KAPTON TAPE TO BE LOCATED AT CENTER OF DIM A, IRREGARDLESS OF CKT SIZE. TOP SURFACE OF KAPTON TAPE TO BE FLAT FOR PICK & PLACE PURPOSE.
  - SINGLE LOCK FEATURE FOR 4 - 12CKT.
  - DUAL LOCK FEATURE FOR 14CKT AND ABOVE.
  - DETAIL 1 AND 2 FOR MMC REFERENCE ONLY.
  - CAVITY ID AND MX LOGO SHALL BE LOCATED APPROXIMATELY AS SHOWN.
  - GAUGING AT SOLDERTAIL.

HSE LENGTH ADDED EC NO: S2018-0108 DRW:NEANG CHKD:CGOH APPR:KHL IM	QUALITY SYMBOLS F <sub>A</sub> =0 F <sub>C</sub> =0 F <sub>P</sub> =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY ATSEE	DATE 2015/02/16	TITLE ASSEMBLY MGRID, SHROUDED HEADER RIGHT ANGLE THROUGH HOLE			
A1	REV	4 PLACES	± ---	± ---	CHECKED BY CGOH	DATE 2015/01/19			
		3 PLACES	± ---	± ---	APPROVED BY KHL IM	DATE 2015/11/05			
		2 PLACES	± 0.20	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.
		1 PLACE	± ---	± ---	SEE TABLE		SD-151119-0001		1 OF 2
		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					

10 9 8 7 6 5 4 3 2 1

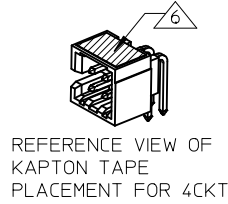
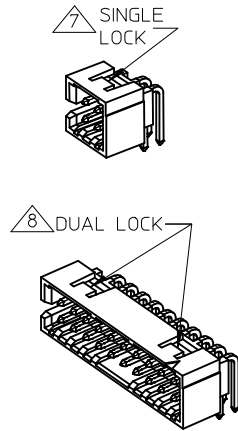
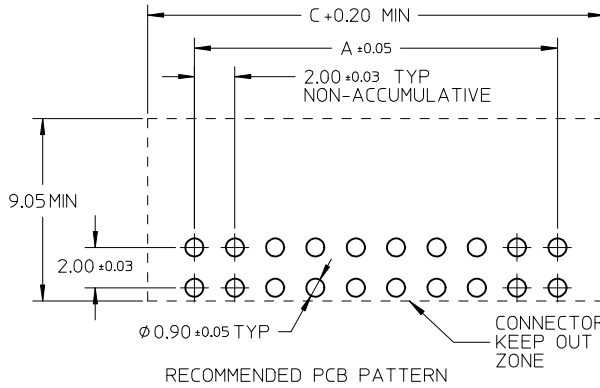
PLATING OPTIONS

-X0XX AND -X4XX	2.00µm MIN. TIN OVERALL 1.25µm MIN. NICKEL OVERALL
-X1XX AND -X5XX	0.05µm MIN. GOLD PLATE ON CONTACT AND 2.00µm MIN. TIN(MATTE) ON SOLDER TAIL OVER 1.25µm MIN. NICKEL OVERALL.
-X2XX AND -X6XX	0.38µm MIN. GOLD PLATE ON CONTACT AND 2.00µm MIN. TIN(MATTE) ON SOLDER TAIL OVER 1.25µm MIN. NICKEL OVERALL.
-X3XX AND -X7XX	0.75µm MIN. GOLD PLATE ON CONTACT AND 2.00µm MIN. TIN(MATTE) ON SOLDER TAIL OVER 1.25µm MIN. NICKEL OVERALL.

KAPTON TAPE IS USED FOR 4CKT TO 12CKT ONLY.

TAIL LENGTH P (mm)	RECOMMENDED PCB THICKNESS (mm)
2.60	1.60
3.60	2.60
4.60	3.60

NOTES :  
12. REFER TO PACKAGING SPECIFICATION  
FOR TUBE : PK-151119-0001  
FOR TAPE & REEL : PK-151119-3000



ASSEMBLY  
151119 - X X X X

04 - 50 4-50 CKT W/O PEG

PLATING		KAPTON VERSION
0	FULL TIN	WITHOUT KAPTON TAPE
1	AU FLASH	
2	0.38 Au	
3	0.75 Au	WITH KAPTON TAPE (4-12CKT)
4	FULL TIN	
5	AU FLASH	
6	0.38 Au	
7	0.75 Au	
8	OTHER OPTIONS	
9		

	TAIL LENGTH	PACKAGING
0	2.60	TAPE & REEL
1	3.60	
2	4.60	
3	2.60	TUBE
4	3.60	
5	4.60	OTHER OPTIONS
6		
7		
8		
9		

HSE LENGTH ADDED EC NO: S2018-0108 DRW:NEANG CHKD:CGOH APPR:KHL IM	2017/09/07 2017/10/01 2017/10/02 DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		$F_A=0$ $F_G=0$ $F_P=0$	mm    INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	MM ONLY	NTS	METRIC	
		ANGULAR ± 3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: ATSEE    DATE: 2015/02/16 CHECKED BY: CGOH    DATE: 2015/01/19 APPROVED BY: KHL IM    DATE: 2015/11/05	TITLE: ASSEMBLY MGRID, SHROUDED HEADER RIGHT ANGLE THROUGH HOLE <b>molex</b>		
		A1	SEE TABLE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	

9 8 7 6 5 4 3 2 1