

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

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.
4. RIB LOCATION VARIES, DEPENDING ON CKT SIZES.
5. CKT 4 AND 6 HAS NO IDENTIFICATION TAG.
6. POSITION OF CAP TO BE LOCATED AT CENTER OF DIM A, IRREGARDLESS OF CKT SIZE. TOP SURFACE OF CAP TO BE FLAT FOR PICK & PLACE PURPOSE.
7. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE.
8. CAVITY ID AND MX LOGO SHALL BE LOCATED APPROXIMATELY AS SHOWN.

9. SINGLE LOCK FEATURE FOR 4-12CKT.
10. DUAL LOCK FEATURE FOR 14CKT AND ABOVE.
11. DETAIL 2 FOR MMC REFERENCE ONLY.
12. BEND DEPRESSION ON SMT TAIL IS ACCEPTABLE SO LONG IT DOES NOT AFFECT THE OVERALL COPLANARITY OF THE TAIL.

OPTION REVISED EC NO: S2017-0241 2016/12/09 DRW:NEANG 2016/12/20 CHK:CGOH 2016/12/21 APPR:KHLIM	DESCRIPTION A1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		$F_A=0$ $F_C=0$ $F_D=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	MM ONLY	NTS	METRIC	DRAWN BY: ATSEE DATE: 2014/10/10 CHECKED BY: CGOH DATE: 2015/02/06 APPROVED BY: KHLIM DATE: 2015/11/05	TITLE: ASSEMBLY MGRID, SHROUDED HEADER SMT molex
		ANGULAR ± 3°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MATERIAL NO.	DOCUMENT NO.	SD-151118-0001 SHEET NO. 1 OF 2	
		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

ASSEMBLY

151118 - X X X X

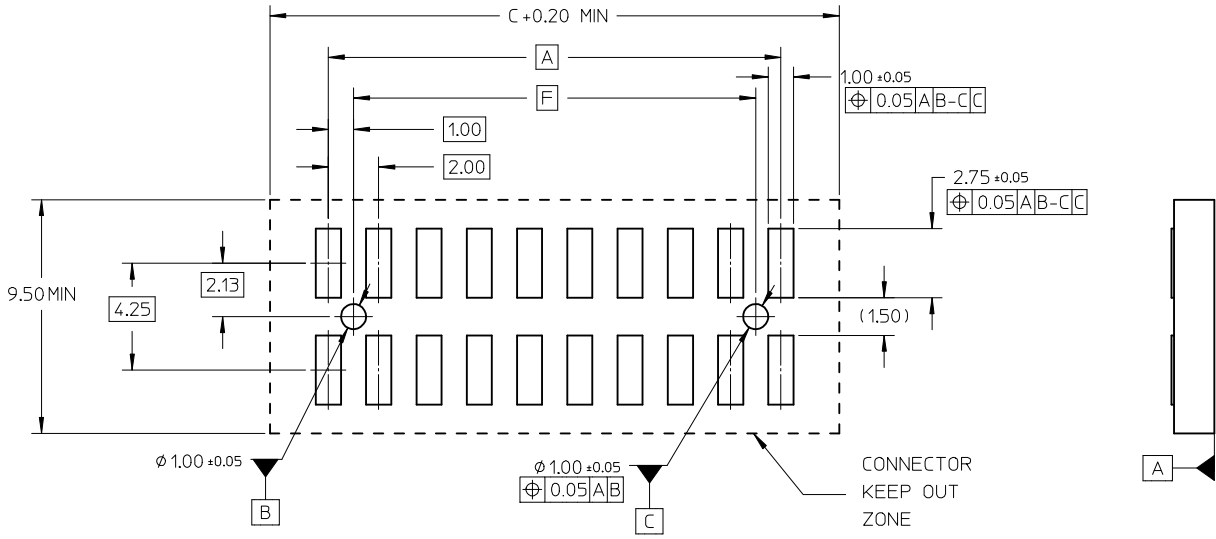
PLATING OPTIONS

-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 SOLDERTAIL OVER 1.25µm MIN. NICKEL OVERALL.
-X2XX AND -X6XX	0.38µm MIN. GOLD PLATE ON CONTACT AND 2.00µm MIN. TIN(MATTE) ON SOLDERTAIL OVER 1.25µm MIN. NICKEL OVERALL.
-X3XX AND -X7XX	0.75µm MIN. GOLD PLATE ON CONTACT AND 2.00µm MIN. TIN(MATTE) ON SOLDERTAIL OVER 1.25µm MIN. NICKEL OVERALL.

04 - 50	4-50 CKT W/O PEG
54 - 00	4-50 CKT WITH PEG
50+(#)CKT	54 = 4CKT 56 = 6CKT . . 98 = 48CKT 00 = 50CKT
# = NO OF CKT	

PLATING		CAP OPTION
0	FULL TIN	WITHOUT CAP
1	Au FLASH	(FOR TUBE PACKAGING ONLY)
2	0.38 Au	
3	0.75 Au	
4	FULL TIN	WITH CAP
5	Au FLASH	(FOR TUBE AND T&R PACKAGING)
6	0.38 Au	
7	0.75 Au	
8	OTHER OPTIONS	
9		

PACKAGING	
0	TAPE & REEL
1	TUBE
2	
3	
4	
5	OTHER OPTIONS
6	
7	
8	
9	



RECOMMENDED PCB LAYOUT

CONNECTOR
KEEP OUT
ZONE

NOTES CONTINUE :
13. REFER TO PACKAGING SPECIFICATION
FOR TUBE : PK-151118-0001
FOR TAPE & REEL : PK-151118-3000

OPTION REVISED EC NO: S2017-0241 DRW:NEANG CHKD:CGOH APPR:KHLIM	2016/12/09 2016/12/20 2016/12/21	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			4 PLACES	± ---	± ---	DRAWN BY ATSEE	DATE 2014/10/10	TITLE ASSEMBLY MGRID, SHROUDED HEADER SMT DOCUMENT NO. SD-151118-0001 SHEET NO. 2 OF 2			
			3 PLACES	± ---	± ---	CHECKED BY CGOH	DATE 2015/02/06				
			2 PLACES	± 0.20	± ---	APPROVED BY	DATE				
			1 PLACE	± ---	± ---	KHLIM	2015/11/05				
0 PLACE	± ---	± ---	MATERIAL NO.	DATE							
ANGULAR ± 3 °			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE						
A1			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						