

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.

HSE LENGTH ADDED EC NO: S2018-0108 2017/09/07 DRW:LEANG 2017/10/01 CHKD:CGOH 2017/10/02 APPR:KHLIM	DESCRIPTION A2	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	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 <b>molex</b>
		ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MATERIAL NO. DOCUMENT NO. SD-151118-0001	SHEET NO. 1 OF 2			
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

ASSEMBLY  
151118 - X X X X

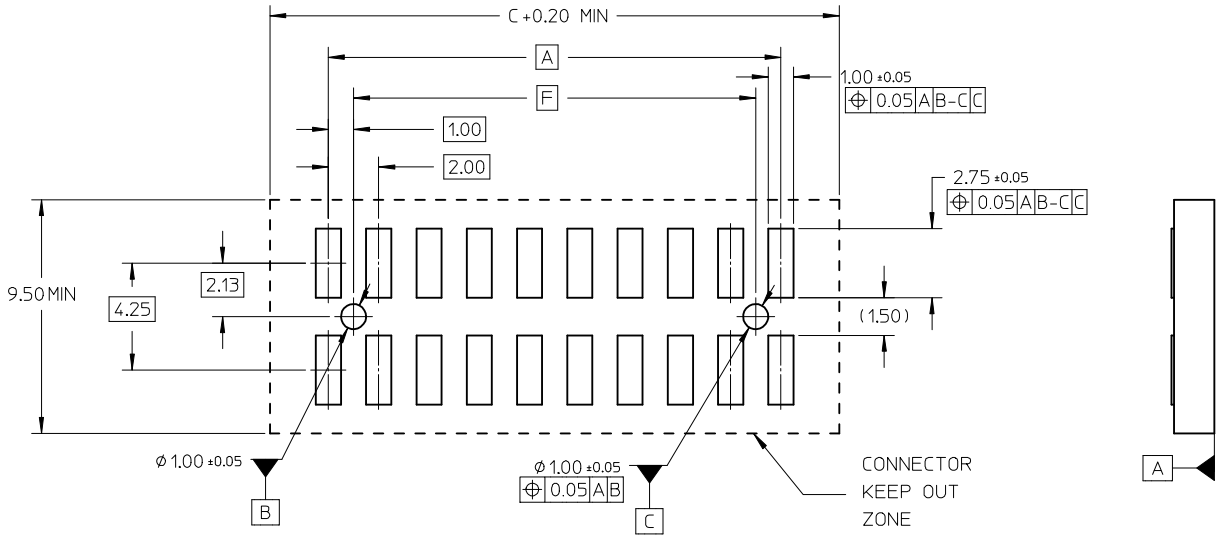
PLATING OPTIONS

-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

<b>HSE LENGTH ADDED</b> IEC NO: S2018-0108 DRW:NEANG 2017/09/07 CHKD:CGOH 2017/10/01 APPR:KHLIM 2017/10/02 <b>A2</b>	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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> </tbody> </table> ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.20	±---	1 PLACE	±---	±---	0 PLACE	±---	±---	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY: ATSEE CHECKED BY: CGOH APPROVED BY: KHLIM MATERIAL NO. SEE TABLE	SCALE: NTS DESIGN UNITS: METRIC DATE: 2014/10/10 DATE: 2015/02/06 DATE: 2015/11/05	TITLE: ASSEMBLY MGRID, SHROUDED HEADER SMT <b>molex</b> DOCUMENT NO. SD-151118-0001	SHEET NO. 2 OF 2
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SIZE: A3																								
THIRD ANGLE PROJECTION																								

# Mouser Electronics

Authorized Distributor

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<a href="#"><u>151118-1248</u></a>	<a href="#"><u>151118-1250</u></a>	<a href="#"><u>151118-1280</u></a>	<a href="#"><u>151118-1230</u></a>	<a href="#"><u>151118-1232</u></a>	<a href="#"><u>151118-1234</u></a>	<a href="#"><u>151118-1236</u></a>	<a href="#"><u>151118-1238</u></a>
<a href="#"><u>151118-1240</u></a>	<a href="#"><u>151118-1198</u></a>	<a href="#"><u>151118-1200</u></a>	<a href="#"><u>151118-1222</u></a>	<a href="#"><u>151118-1224</u></a>	<a href="#"><u>151118-1226</u></a>	<a href="#"><u>151118-1228</u></a>	<a href="#"><u>151118-1186</u></a>
<a href="#"><u>151118-1188</u></a>	<a href="#"><u>151118-1190</u></a>	<a href="#"><u>151118-1192</u></a>	<a href="#"><u>151118-1194</u></a>	<a href="#"><u>151118-1196</u></a>	<a href="#"><u>151118-1174</u></a>	<a href="#"><u>151118-1176</u></a>	<a href="#"><u>151118-1178</u></a>
<a href="#"><u>151118-1180</u></a>	<a href="#"><u>151118-1182</u></a>	<a href="#"><u>151118-1184</u></a>	<a href="#"><u>151118-1142</u></a>	<a href="#"><u>151118-1144</u></a>	<a href="#"><u>151118-1146</u></a>	<a href="#"><u>151118-1148</u></a>	<a href="#"><u>151118-1150</u></a>
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<a href="#"><u>151118-1210</u></a>	<a href="#"><u>151118-1212</u></a>	<a href="#"><u>151118-1214</u></a>	<a href="#"><u>151118-1216</u></a>	<a href="#"><u>151118-1218</u></a>	<a href="#"><u>151118-1164</u></a>	<a href="#"><u>151118-1166</u></a>	<a href="#"><u>151118-1168</u></a>
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