


$$15118 - \underline{\underline{X}} \quad \underline{\underline{X}} \quad \underline{\underline{X}} \quad \underline{\underline{X}}$$

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

SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJ
TITLE	ASSEMBLY MGRID, SHROUDED HEAD SMT	
	<b>molex</b>	
DOCUMENT NO.	SD-151118-0001	
TAINS INFORMATION THAT IS PROPRIETARY SHOULD NOT BE USED WITHOUT WRITTEN		

RECOMMENDED PCB LAYOUT

The diagram illustrates the recommended PCB layout for the component. Key dimensions and features include:

- Overall Width:**  $C + 0.20 \text{ MIN}$
- Overall Height:**  $9.50 \text{ MIN}$
- Internal Dimensions:**
  - Top horizontal segments:  $A$ ,  $F$ , and  $1.00$ .
  - Vertical segments on the left:  $2.00$  and  $2.13$ .
  - Bottom horizontal segments:  $4.25$  and  $2.75 \pm 0.05$ .
  - Right side offset:  $1.00 \pm 0.05$  and  $1.50$ .
- Connector Locations:**
  - Bottom left:  $\phi 1.00 \pm 0.05$  with label  $B$ .
  - Bottom center:  $\phi 1.00 \pm 0.05$  with label  $C$ .
  - Top right:  $\phi 0.05 | A | B - C |$  (two locations).
- Connector Keep Out Zone:** Indicated by dashed lines and arrows pointing to the connector locations.

<b>HSE LENGTH ADDED</b> EC NO: S2018-0108 DRAWN: EANG CHK'D: CGH APPR: KHLIM	2017/09/07	DESCRIPTION ASSEMBLY MGRID, SHROUDED HEADER SMT <b>molex</b>	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	2017/10/01			mm	INCH	DRAWN BY DATE ATSEE 2014/10/10		TITLE			
	2017/10/02			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY DATE CGOH 2015/02/06					
				2 PLACES ± 0.20 ± ---	1 PLACE ± --- ± ---	APPROVED BY DATE KHLIM 2015/11/05					
				0 PLACE ± --- ± ---	ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
A2	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-151118-0001		2 OF 2			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											