



NOTES:

1. MATERIAL: LOW CARBON STEEL.  
MIN HARDNESS-ROCKEWELL HARDNESS B70.
2. PLATING: 2 MICRON MINIMUM ELECTROLYTIC NICKEL.  
PROCESS TEST: 48 HOURS AT 85°C/85% HUMIDITY WITH NO VISIBLE CORROSION.
3. REMOVE ALL BURRS OR SHARP EDGES AROUND PERIMETER OF PART.  
SHARPNESS OF EDGES SUBJECT TO HANDLING ARE REQUIRED TO MEET UL1439 TEST.
4. BREAK ALL SHARP CORNERS, EDGES, AND BURRS TO 0.10MM MAX.
5. PART SHALL BE DEGREASED AND FREE OF OIL AND DIRT MARKS.
6. THE PART IS COMPLAINT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.

|                 |       |       |
|-----------------|-------|-------|
| 47597-6301      | 3.25  | 4.22  |
| 47597-6201      | 3.35  | 6.0   |
| 47597-6101      | 3.25  | 3.8   |
| MATERIAL NUMBER | DIM A | DIM B |

|   |  |                        |  |                   |  |                |  |                          |  |                              |  |
|---|--|------------------------|--|-------------------|--|----------------|--|--------------------------|--|------------------------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                        |  |                   |  |                |  |                          |  |                              |  |
| DIMENSION UNITS   |  | SCALE                  |  | CURRENT REV DESC: |  |                |  |                          |  | <b>molex</b>                 |  |
| mm  |  | 6:1                    |  |                   |  |                |  |                          |  |                              |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)   |  |                        |  | EC NO: 624787     |  | DRWN: RPRABHUM |  | 2019/05/29               |  | SOCKET H1 ILM SHOULDER SCREW |  |
| 4 PLACES  |  | ±                      |  | CHK'D: GGA        |  | 2019/11/11     |  |                          |  |                              |  |
| 3 PLACES  |  | ±                      |  | APPR: GGA         |  | 2019/11/11     |  | PRODUCT CUSTOMER DRAWING |  | DOCUMENT NUMBER              |  |
| 2 PLACES  |  | ± 0.1                  |  | INITIAL REVISION: |  | DRWN:          |  | SD-47597-009             |  | DOC TYPE                     |  |
| 1 PLACE   |  | ± 0.15                 |  | APPR: WFDENG      |  | 2010/07/09     |  | PSD                      |  | DOC PART                     |  |
| 0 PLACES  |  | ±                      |  | ANGULAR TOL       |  | ± 1.0°         |  | 001                      |  | REVISION                     |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |  | THIRD ANGLE PROJECTION |  | DRAWING           |  | SERIES         |  | MATERIAL NUMBER          |  | CUSTOMER                     |  |
|   |  | A3-SIZE                |  | 47597             |  | SEE TABLE      |  | GENERAL MARKET           |  | SHEET NUMBER                 |  |
|   |  |                        |  |                   |  |                |  |                          |  | 1 OF 1                       |  |