

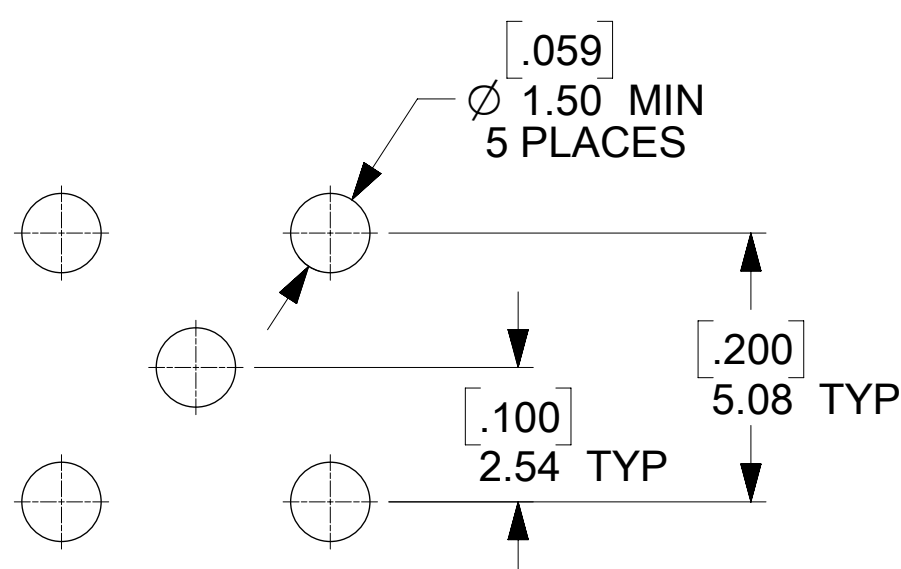
BODY, JAM NUT: BRASS  
FINISH: SEE TABLE

CENTER CONTACT: BERYLLIUM COPPER  
PLATED GOLD

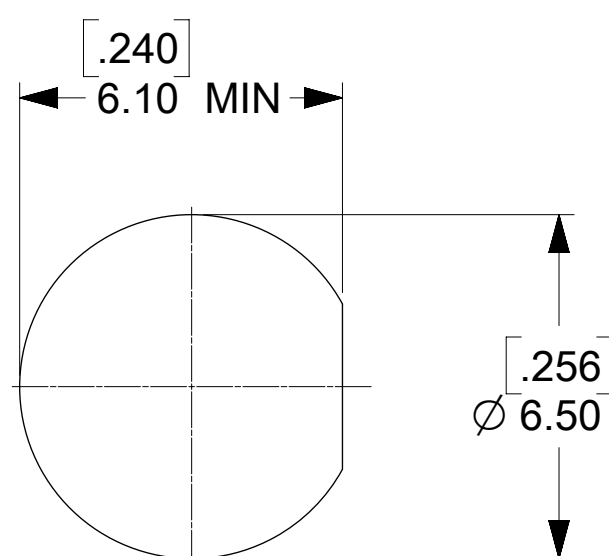
INSULATOR: TEFLON

LOCKWASHER: PHOSPHOR BRONZE  
FINISH: SEE TABLE

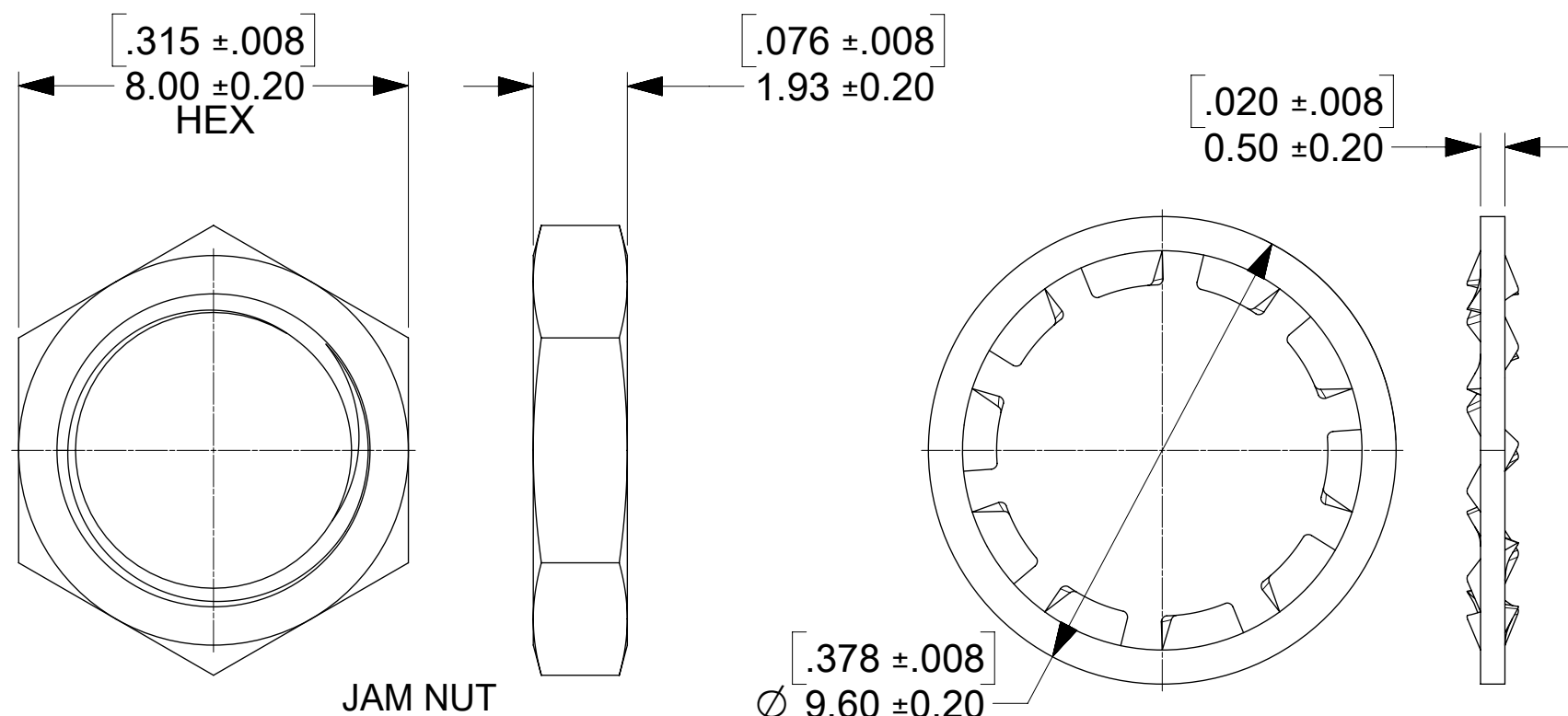
1. VOLTAGE STANDING WAVE RATIO
  - 1.1(MAX) @0-6GHz.
  - 1.5(MAX) @6-12GHz.
  - 1.8(MAX) @12-18GHz.
2. RF INSERTION LOSS:
  - 0.1(MAX) @0-6GHz.
  - 0.4(MAX) @6-12GHz.
  - 0.7(MAX) @12-18GHz.



## RECOMMENDED PCB LAYOUT



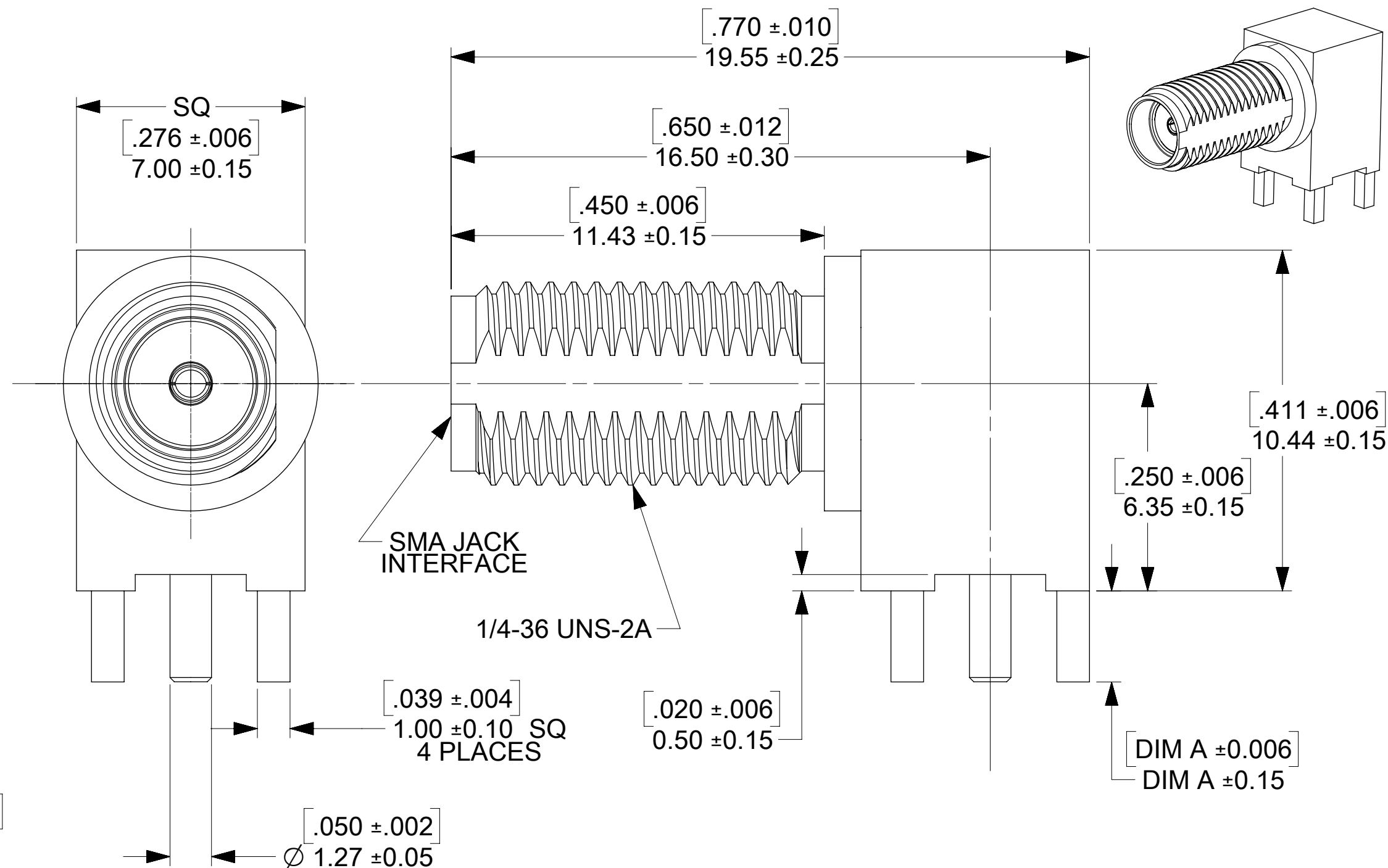
## RECOMMENDED PANEL CUTOUT



JAM NUT

LOCKWASHER

|               |                       |
|---------------|-----------------------|
| PS-89675-368  | SOLDER SPEC PROFILE   |
| PS-89675-346  | ELECTRO/MECH PERFORM. |
| SPECIFICATION | DESCRIPTION           |



SEE SD-73251-496 FOR PART NO. CONTINUATION

|            |                                               |       |      |
|------------|-----------------------------------------------|-------|------|
| 73251-2209 | GOLD FLASH / STANDARD TRAY                    | 3.94  | .155 |
| 73251-2208 | GOLD FLASH/STANDARD TRAY W/O WASHER AND NUT   | 3.94  | .155 |
| 73251-2207 | 73251-2201 PACKAGED ONE PER BAG               | 2.79  | .110 |
| 73251-2206 | SAME AS 73251-2201 EXCEPT COMMERCIAL CONTACT  | 2.79  | .110 |
| 73251-2205 | SAME AS 73251-2200 EXCEPT COMMERCIAL CONTACT  | 2.79  | .110 |
| 73251-2204 | GOLD FLASH/STANDARD TRAY W/O WASHER AND NUT   | 2.79  | .110 |
| 73251-2203 | GOLD FLASH / STANDARD TRAY (54 CAVITY)        | 2.79  | .110 |
| 73251-2202 | 73251-2201 PACKAGED IN SMALL TRAY (20 CAVITY) | 2.79  | .110 |
| 73251-2201 | GOLD / STANDARD TRAY                          | 2.79  | .110 |
| 73251-2200 | NICKEL / STANDARD TRAY                        | 2.79  | .110 |
| PART NO.   | PLATING (BODY, NUT, LOCKWASHER) AND PACKAGING | mm    | IN   |
|            |                                               | DIM A |      |

| FUNCTIONAL SYMBOLS                                                                                                                                         |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                   |  |                                                      |  |                                                                                                                                                                               |  |                                                   |  |                |  |              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|--|------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--|----------------|--|--------------|--|
| <div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> |  | DIMENSION UNITS                                                                                                                               |  | SCALE                             |  | CURRENT REV DESC: ADD SLODER SPEC NO. PER EWR14716-B |  | <div>molex</div>                                                                                                                                                              |  |                                                   |  |                |  |              |  |
|                                                                                                                                                            |  | mm                                                                                                                                            |  | NTS                               |  |                                                      |  |                                                                                                                                                                               |  |                                                   |  |                |  |              |  |
|                                                                                                                                                            |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |                                   |  |                                                      |  | EC NO: 675413<br>DRWN: CWEI022021/08/24<br>CHK'D: YCHENG2021/08/26<br>APPR: YCHENG2021/08/26<br><br>INITIAL REVISION:<br>DRWN: ARBERTSON2012/11/21<br>APPR: JWIENER2012/11/21 |  | SMA JACK, R/A PCB 50 OHM<br>SMA-J/RA/PCB EWR-2144 |  |                |  |              |  |
| ANGULAR TOL ± °                                                                                                                                            |  |                                                                                                                                               |  |                                   |  |                                                      |  |                                                                                                                                                                               |  |                                                   |  |                |  |              |  |
| 4 PLACES                                                                                                                                                   |  | ±                                                                                                                                             |  | PRODUCT CUSTOMER DRAWING          |  |                                                      |  |                                                                                                                                                                               |  |                                                   |  |                |  |              |  |
| 3 PLACES                                                                                                                                                   |  | ±                                                                                                                                             |  |                                   |  |                                                      |  |                                                                                                                                                                               |  |                                                   |  |                |  |              |  |
| 2 PLACES                                                                                                                                                   |  | ±                                                                                                                                             |  |                                   |  |                                                      |  |                                                                                                                                                                               |  |                                                   |  |                |  |              |  |
| 1 PLACE                                                                                                                                                    |  | ±                                                                                                                                             |  |                                   |  |                                                      |  |                                                                                                                                                                               |  |                                                   |  |                |  |              |  |
| DIVISIONAL SYMBOLS                                                                                                                                         |  | 0 PLACES                                                                                                                                      |  | ±                                 |  | DOCUMENT NUMBER                                      |  |                                                                                                                                                                               |  | DOC TYPE                                          |  | DOC PART       |  | REVISION     |  |
|                                                                                                                                                            |  |                                                                                                                                               |  |                                   |  | SD-73251-220                                         |  |                                                                                                                                                                               |  | PSD                                               |  | 000            |  | D14          |  |
|                                                                                                                                                            |  |                                                                                                                                               |  |                                   |  |                                                      |  |                                                                                                                                                                               |  |                                                   |  |                |  |              |  |
|                                                                                                                                                            |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  | THIRD ANGLE PROJECTION            |  | DRAWING                                              |  | SERIES                                                                                                                                                                        |  | MATERIAL NUMBER                                   |  | CUSTOMER       |  | SHEET NUMBER |  |
|                                                                                                                                                            |  |                                                                                                                                               |  | <div><div></div><div></div></div> |  | C-SIZE                                               |  | 73251                                                                                                                                                                         |  | SEE TABLE                                         |  | GENERAL MARKET |  | 1 OF 1       |  |