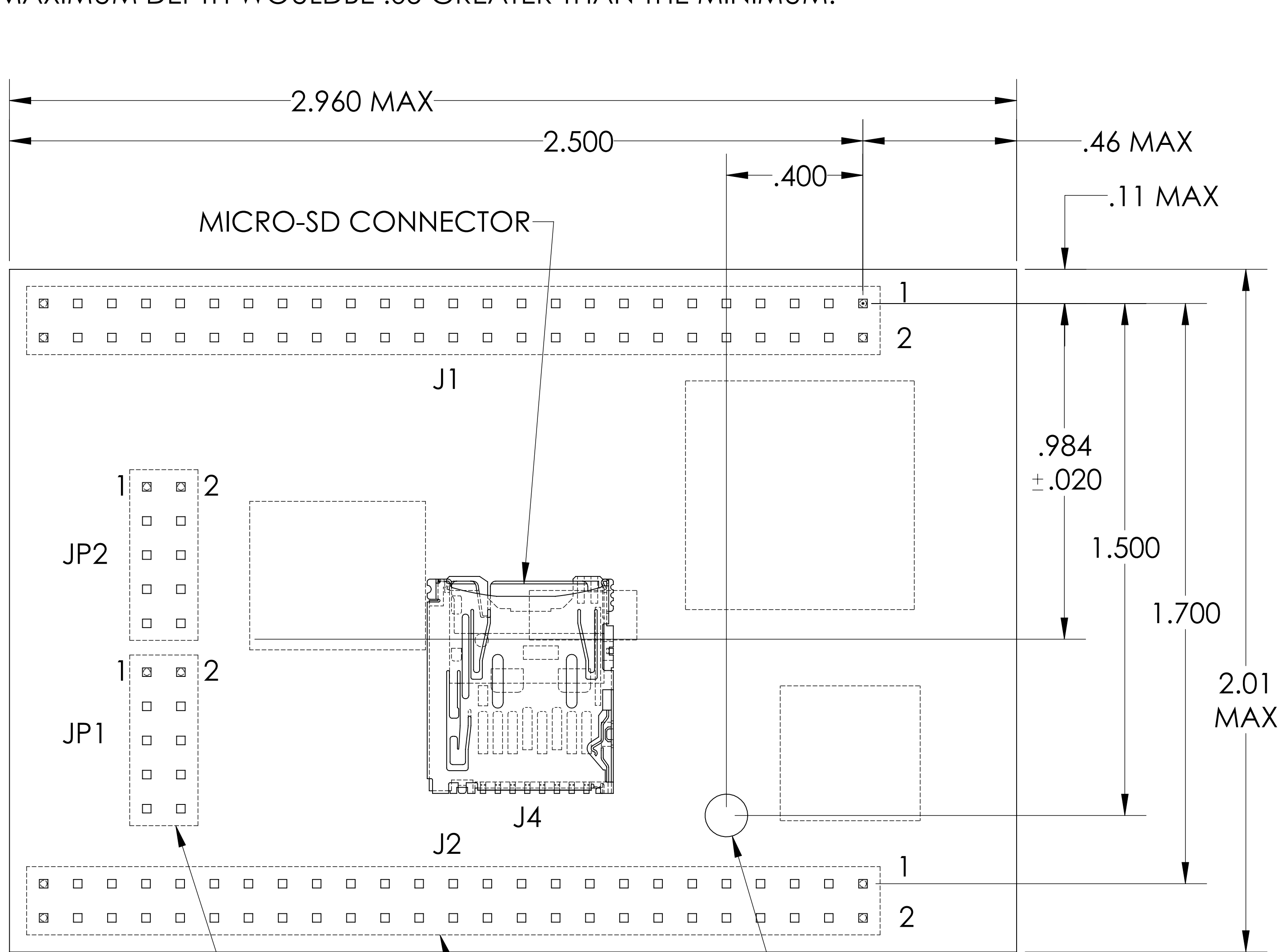


NOTES: UNLESS OTHERWISE SPECIFIED

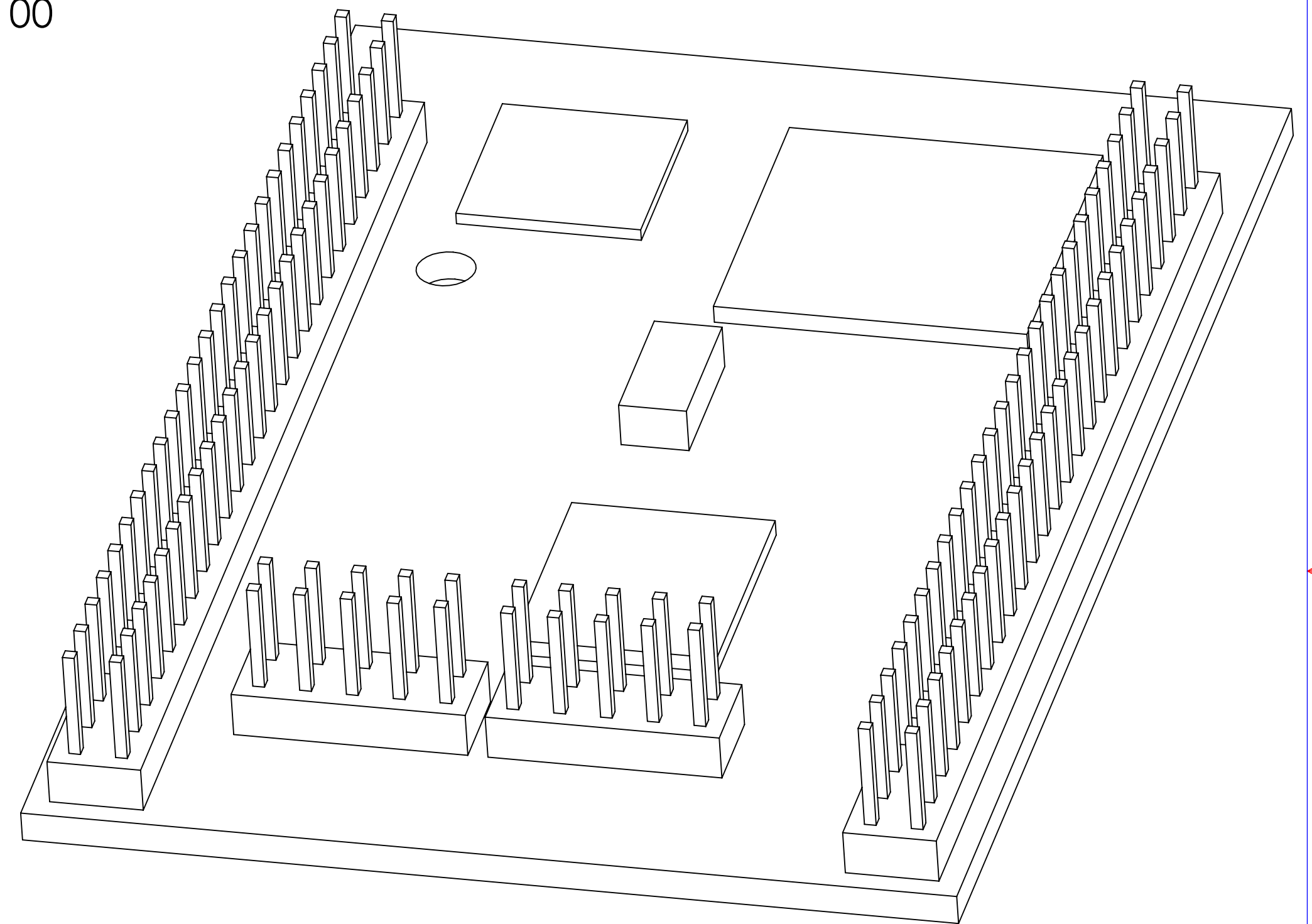
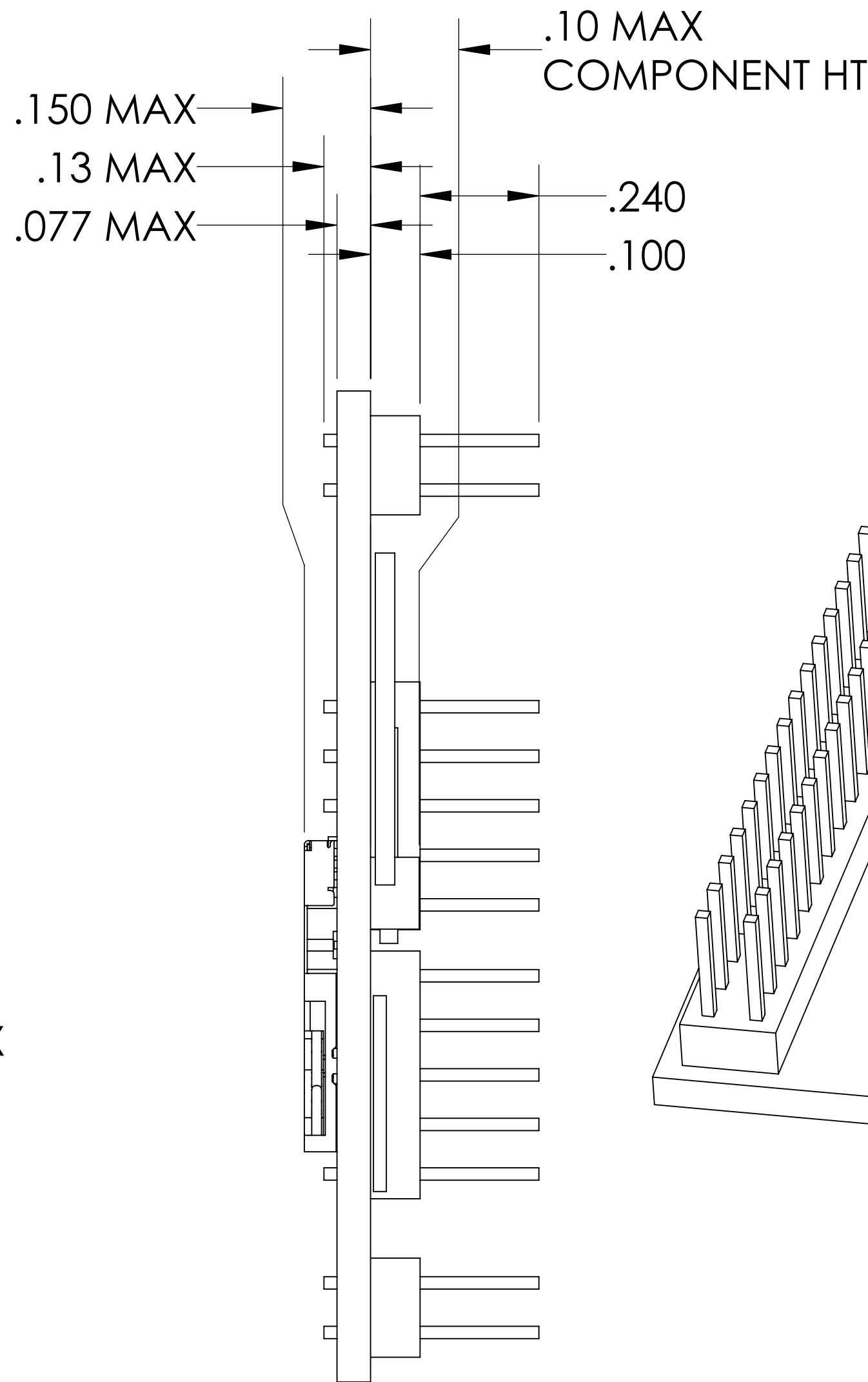
- 1 STANDOFFS SHOULD BE OF A MINIMUM LENGTH TO ACCOMMODATE THE HEIGHT OF THE MOTHERBOARD COMPONENTS PLUS .17. APPLICATION EXAMPLES ON SHEETS 2 AND 3 ALLOW FOR MOTHERBOARD COMPONENT HEIGHTS OF .33 AND ZERO RESPECTIVELY.
- 2 MATING CONNECTORS OR SOCKETS SHOULD ACCOMMODATE THE APPROPRIATE RANGE OF PIN INSERTION DEPTH. THE RANGE IS DEPENDENT ON STANDOFF LENGTH AND CONNECTOR HEIGHT. ASSUMING THE TOTAL TOLERANCE FOR THESE DIMENSIONS IS  $\pm .010$ , THE MINIMUM PIN INSERTION DEPTH WOULD BE  $\{ .31 + \text{CONNECTOR HEIGHT} - \text{STANDOFF LENGTH} \}$ . THE MAXIMUM DEPTH WOULD BE .05 GREATER THAN THE MINIMUM.



10 POSITION  
.100 X .100  
HEADER  
MOUNTED  
ON FAR SIDE  
(2 PLACES)

2  
50 POSITION  
.100 X .100  
HEADER  
MOUNTED  
ON FAR SIDE  
(2 PLACES)

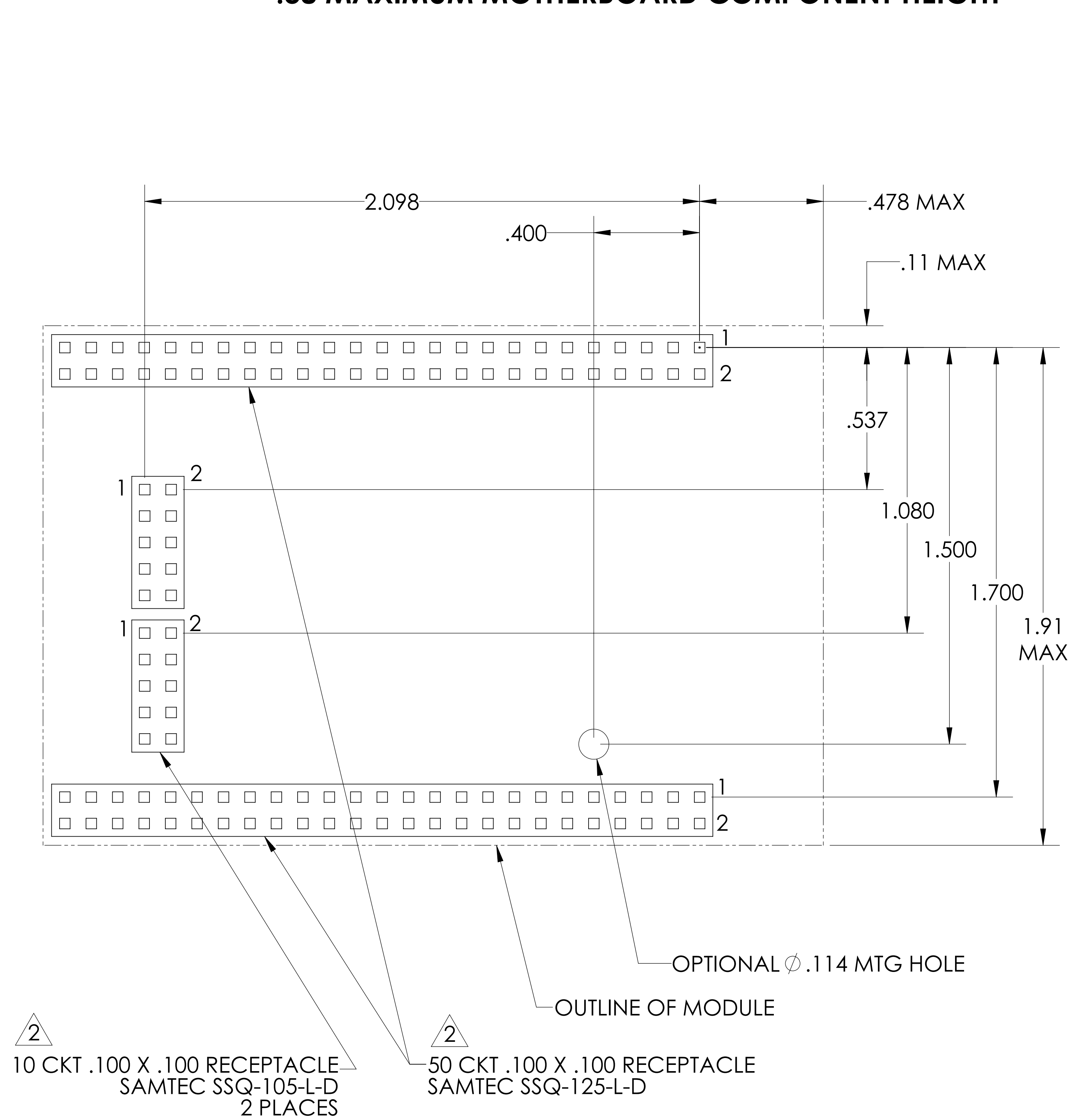
1  
 $\phi .125$  MTG HOLE  
OPTIONAL: USE .19 OD #4  
INSULATING STANDOFF ON  
FAR SIDE, AND .22 MAX OD  
#4 INSULATING WASHER  
WITH #4 PAN HEAD SCREW  
OR HEX NUT ON NEAR SIDE.



**SOLDER SIDE OF MODULE SHOWN**

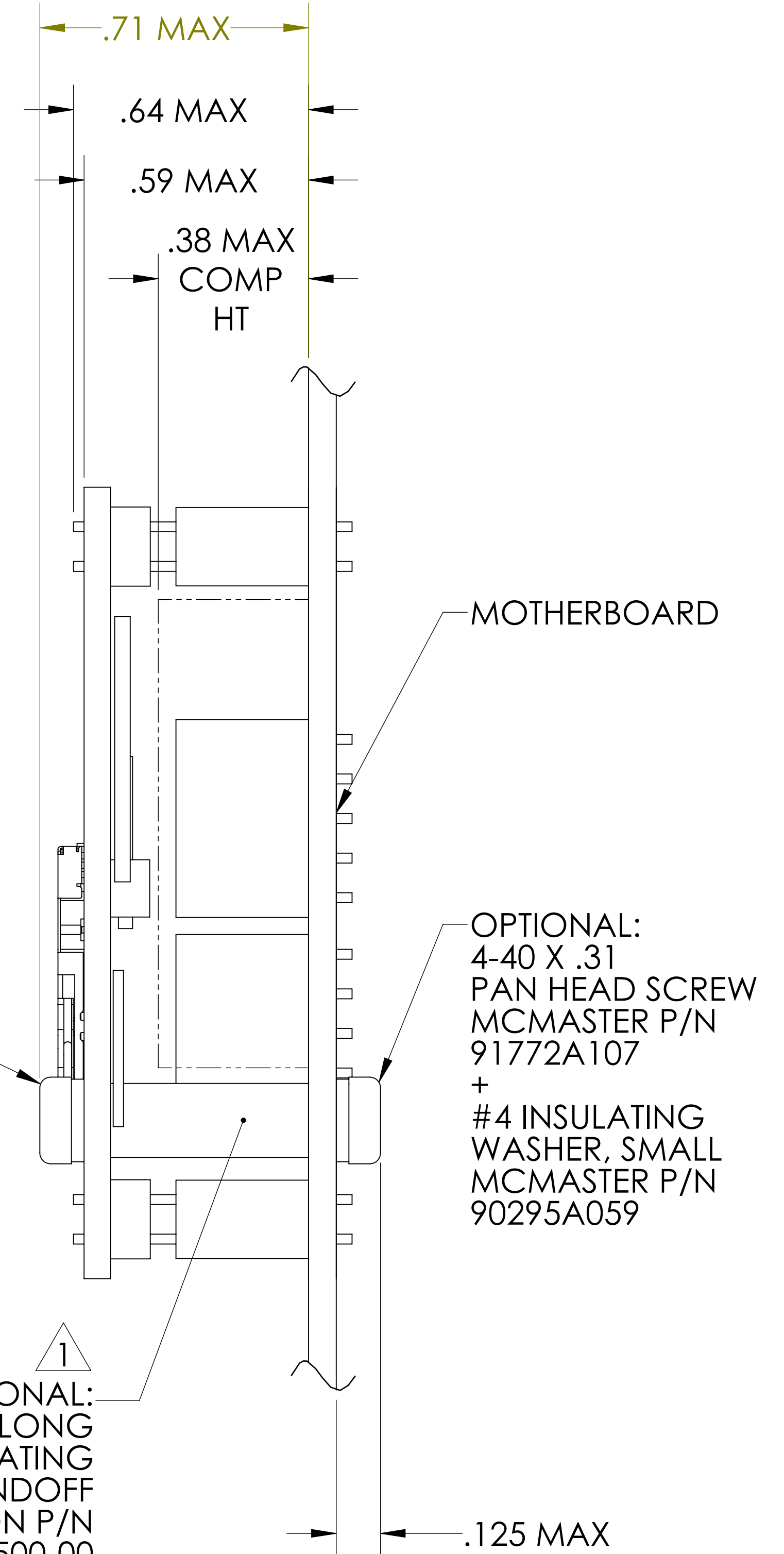
|                                                                                                                                                                                                                            |  |                                                                                         |  |              |  |                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------|--|--------------|--|---------------------------------------|--|
| DO NOT SCALE DRAWING<br>UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>.X ± .1<br>HOLE DIA UP TO .500 $\pm .002$<br>HOLE DIA ABOVE .500 $\pm .010$<br>ANGLES $\pm 0^\circ 30'$ MACHINED SURFACES |  | THIRD ANGLE PROJECTION                                                                  |  | APPROVED     |  | DRAWN BY                              |  |
| PROPRIETARY<br>INFORMATION                                                                                                                                                                                                 |  | NOT TO BE COPIED, USED, OR<br>DISCLOSED WITHOUT WRITTEN<br>PERMISSION FROM<br>NETBURNER |  | TITLE        |  | CUSTOMER DRAWING<br>MODEL 54417-100IR |  |
| CAD/CAM DRAWING<br>DO NOT MANUALLY<br>REVISE OR UPDATE                                                                                                                                                                     |  | SIZE                                                                                    |  | FSCM         |  | DRAWING NUMBER                        |  |
| SCALE 4:1                                                                                                                                                                                                                  |  | D                                                                                       |  | 850581       |  | REV A                                 |  |
|                                                                                                                                                                                                                            |  |                                                                                         |  | SHEET 1 OF 3 |  |                                       |  |

APPLICATION SAMPLE 1  
.38 MAXIMUM MOTHERBOARD COMPONENT HEIGHT



OPTIONAL:  
4-40 X .31  
PAN HEAD SCREW  
MCMaster P/N  
91772A107  
+  
#4 INSULATING  
WASHER, SMALL  
MCMaster P/N  
90295A059

OPTIONAL:  
.19 OD X .500 LONG  
4-40 INSULATING  
STANDOFF  
LYN-TRON P/N  
NY6940-0440-0.500-00



COMPONENT SIDE OF MOTHERBOARD SHOWN

APPLICATION SAMPLE 2  
MINIMUM STACK HEIGHT (ZERO MOTHERBOARD COMPONENT HEIGHT)

