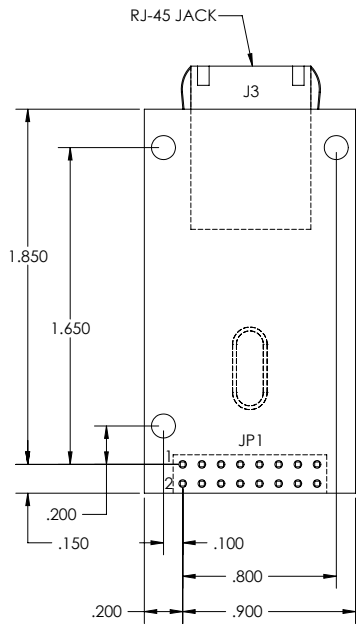


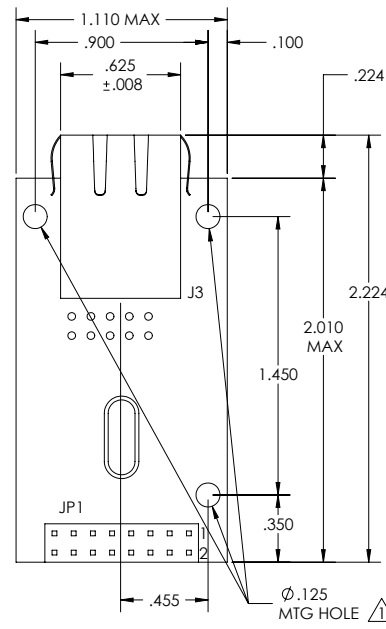
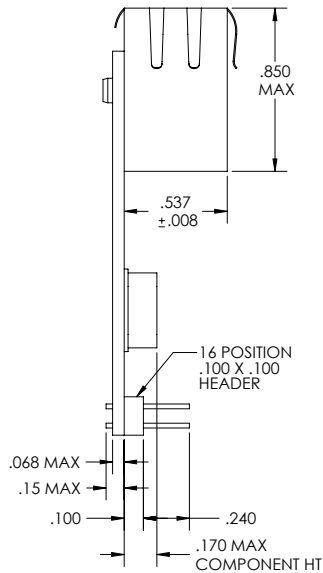
NOTES: UNLESS OTHERWISE SPECIFIED

⚠ USE 3/16 INCH DIA #4 STANDOFFS OR SPACERS FOR MOUNTING. FOR SOLDER PIN CLEARANCE, THE MODULE NEEDS .09 INCH MINIMUM DISTANCE BETWEEN THE MODULE PCB AND A PANEL ON THE SOLDER SIDE. TO CLEAR THE RJ-45 CONNECTOR, THE MODULE NEEDS .55 INCH MINIMUM DISTANCE BETWEEN THE MODULE PCB AND A MOTHERBOARD ON THE COMPONENT SIDE. USE .22 INCH DIA INSULATING WASHERS AND #4 PAN HEAD SCREWS TO MOUNT STANDOFFS OR SPACERS. APPLICATION EXAMPLE ON SHEET 2 SHOWS USE OF CABLE ON CONNECTOR JP1. APPLICATION EXAMPLE ON SHEET 3 SHOWS USE OF MOTHERBOARD AND ALLOWS COMPONENT HEIGHT OF .39 INCH UNDER THE MODULE.

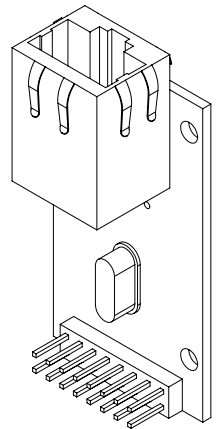
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROV
	D	REVISED AND REDRAWN	17JUL10	J. PETER



SOLDER SIDE OF MODULE



COMPONENT SIDE OF MODULE



<p>THIRD ANGLE PROJECTION</p>	<p>DATE: 17 JUL 2010</p> <p>DESIGNER: J. PETER</p> <p>APPROVED: J. PETER</p>
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PROPRIETARY INFORMATION

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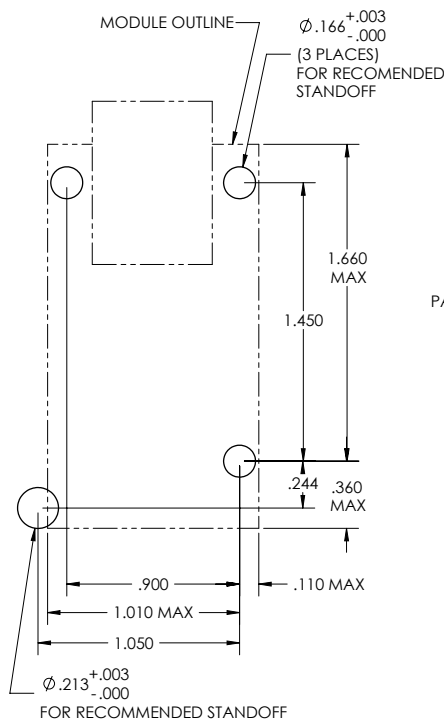
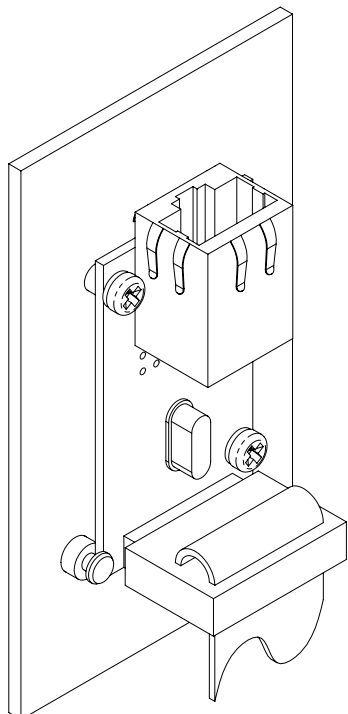
CAD/CAM DRAWING DO NOT MANUALLY REVISE OR UPDATE

<p>5405 MOREHOUSE DR., STE 200 SAN DIEGO, CA 92121 (858) 558-0293</p>	
<p>CUSTOMER DRAWING MODEL SBL2e-100IR</p>	
<p>DATE: 17 JUL 2010</p>	<p>REV: D</p>
<p>DESCRIPTION: 850430</p>	<p>DATE: 17 JUL 2010</p>
<p>SCALE: 1:1</p>	<p>SHEET 1 OF 3</p>

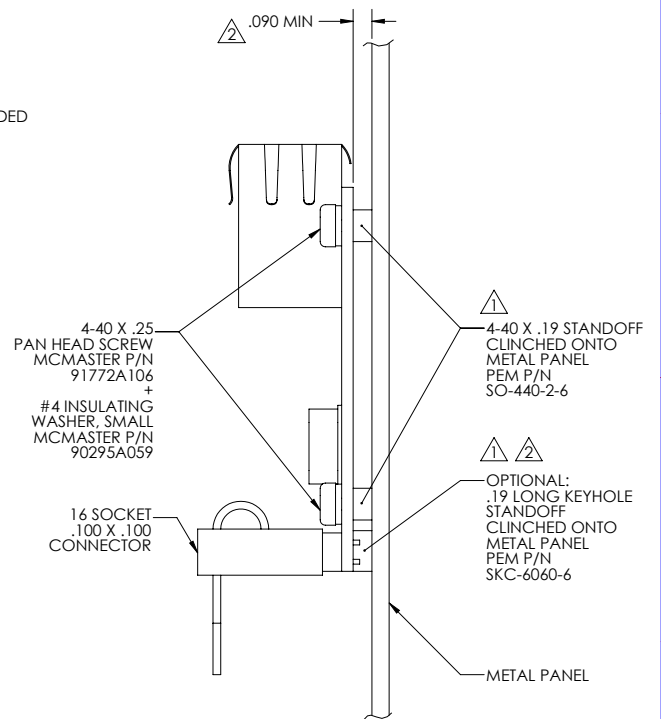
NOTES (CONT'D):

⚠ IF KEYHOLE STANDOFF NOT USED, BOARD SHOULD BE HELD WHILE ENGAGING OR DISENGAGING CONNECTOR TO AVOID BENDING THE MODULE.

**APPLICATION SAMPLE 1
CABLE AT JP1, MODULE MOUNTED ON METAL PANEL**



**MODULE SIDE
OF METAL PANEL**

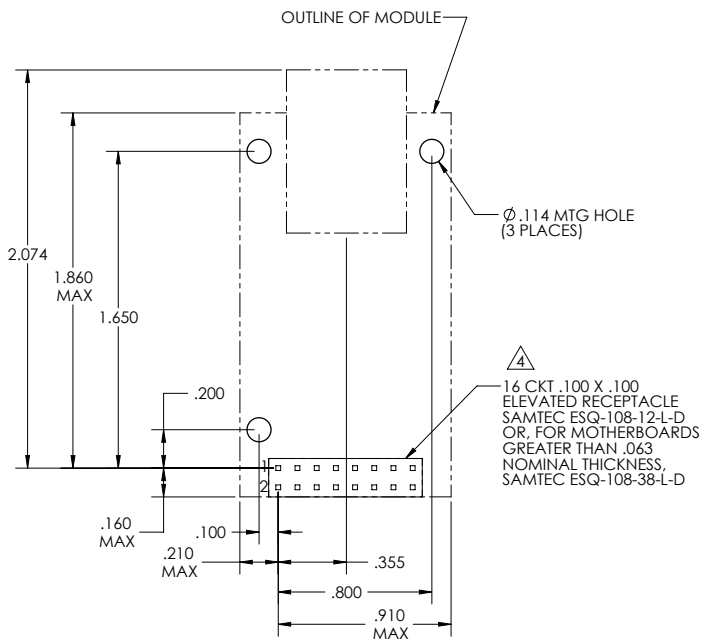


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CAD/CAM DRAWING DO NOT MANUALLY REVISE OR UPDATE	REV B	850430	D
DATE 21	SHEET 2 OF 3		

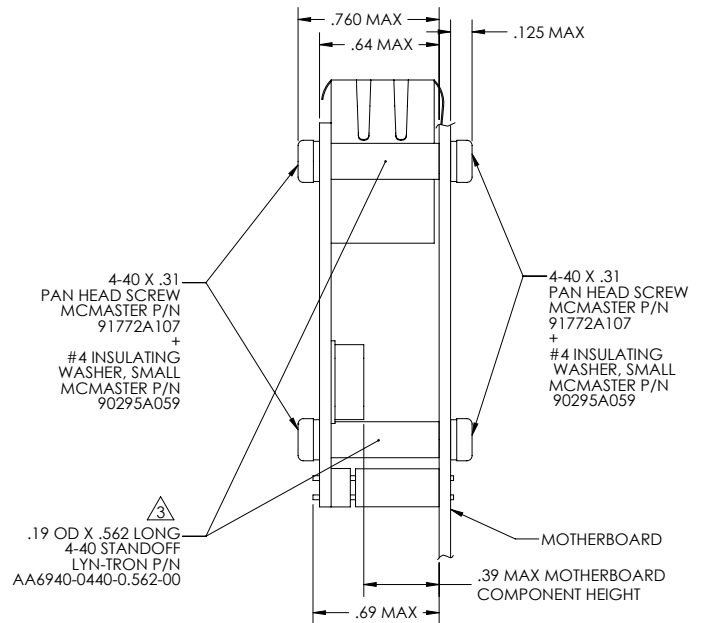
NOTES (CONT'D):

- 3 IF MOTHERBOARD COMPONENT HEIGHT EXCEEDS .39: STANDOFFS SHOULD BE OF A MINIMUM LENGTH TO ACCOMMODATE THE HEIGHT OF THE MOTHERBOARD COMPONENTS PLUS .17 (ASSUMING NO COMPONENTS ARE UNDER THE RJ-45 CONNECTOR).
- 4 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.

**APPLICATION SAMPLE 2
MOTHERBOARD, .39 COMPONENT HEIGHT UNDER MODULE.**



**COMPONENT SIDE
OF MOTHERBOARD SHOWN**



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	21		SHEET 3 OF 3