NOTES: UNLESS OTHERWISE SPECIFIED

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.

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 ±.010, THE MINIMUM PIN INSERTION DEPTH WOULD BE (.31 + CONNECTOR HEIGHT - STANDOFF LENGTH). THE MAXIMUM DEPTH WOULD BE .05 GREATER THAN THE MINIMUM.

SOLDER SIDE OF MODULE SHOWN
APPLICATION SAMPLE 1

.38 MAXIMUM MOTHERBOARD COMPONENT HEIGHT

COMPONENT SIDE OF MOTHERBOARD SHOWN
APPLICATION SAMPLE 2
MINIMUM STACK HEIGHT (ZERO MOTHERBOARD COMPONENT HEIGHT)

OUTLINE OF MODULE

MOTHERBOARD

OPTIONAL:
4-40 X .43
PAN HEAD SCREW
MCMaster P/N 91772A109
+
#4 INSULATING WASHER, SMALL
MCMaster P/N 90295A059

OPTIONAL:
.19 OD X .125 LONG 4-40 INSULATING STANDOFF
LYN-TRON P/N NY6940-0440-0.125-00

OPTIONAL:
4-40 SMALL PATTERN HEX NUT
MCMaster P/N 90730A005
+
#4 INSULATING WASHER, SMALL
MCMaster P/N 90295A059

COMPONENT SIDE OF MOTHERBOARD SHOWN