

## PHYSICAL BOARD DIMENSIONS & LAYER STRUCTURE

.062" + / - 10%

```
-SILK TOP      silkf.art
-MASK TOP      smaskf.art
-COMPONENT     layer1.art
-SOLDER        layer2.art
-MASK BOTTOM   smaskb.art
-SILK BOTTOM   silkb.art
```

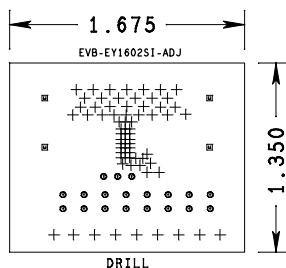
DRILL CHART: TOP to BOTTOM

ALL UNITS ARE IN MILS

| FIGURE | SIZE    | TOLERANCE   | PLATED | QTY |
|--------|---------|-------------|--------|-----|
| +      | 12.0    | +3.0 / -3.0 | PLATED | 71  |
| •      | 40.1575 | +3.0 / -3.0 | PLATED | 19  |
| ■      | 100.0   | +3.0 / -3.0 | PLATED | 4   |

NOTES:

1. THIS BOARD IS ROHS COMPLIANT.
2. PRINTED WIRING BOARD DESIGN AND ACCEPTANCE CRITERIA SHALL BE IAW WITH THE REQUIREMENTS OF IPC-D-275 AND IPC-A-600.
3. MATERIAL: FR4 , 1 OZ COPPER.
4. APPLY SOLDER MASK, BOTH SIDES OVER BARE COPPER IAW IPC-SM-840. CLASS 2 (LPI) (GREEN MASK).
5. ALL PATTERNS ARE VIEWED FROM THE PRIMARY SIDE LOOKING THROUGH THE BOARD.
6. UNLESS OTHERWISE SPECIFIED ALL HOLE DIAMETERS ARE AFTER PLATING.
7. APPLY SILKSCREEN USING WHITE NON-CONDUCTIVE EPOXY BASED INK.
8. PWB MUST BE 100% ELECTRICALLY TESTED FOR SHORTS AND CONTINUITY. USE NETLIST PROVIDED EVB-EV1602SI-ADJ IPC356. IPC IAW IPC-D-356.
9. MARK DATE CODE AND MANUFACTURES IDENTIFICATION ON SOLDER SIDE PER IPC-6011 AND IPC-6012.
10. TOLERANCE ON ALL DRILL HOLES SHALL BE IAW IPC-D-2221 & 2222 UNLESS OTHERWISE SPECIFIED.



PART TO BE FREE OF BURRS AND SHARP EDGES.  
COMMERCIAL TOLERANCES APPLY TO STOCK SIZES.  
MACHINING TOLERANCES PER 900002  
WORMGEAR PER 900040  
SCREW THREADS PER ANSI Y14.6  
ABBREVIATIONS PER MIL-STD-12  
LOGIC SYMBOLS PER IEEE STD 91  
DIMENSIONING AND TOLERANCING PER ANSI  
Y14.5  
ELECTRICAL AND ELECTRONIC DIAGRAM PER ANSI  
Y14.16  
GRAPHIC SYMBOLS FOR ELECTRICAL AND  
ELECTRONIC DIAGRAM PER IEEE STD 318  
ELECTRICAL AND ELECTRONIC REFERENCE  
DESIGNATIONS PER IEEE STD 804  
WELDING SYMBOLS PER ANSI A5.1-4  
UNLESS NOTED OTHERWISE, DRAWING SHALL BE IN FIRST ANGLE

UNLESS OTHERWISE SPECIFIED  
DIMENSION ARE IN INCHES  
AND INCLUDE APPLIED FINISH  
TOLERANCES

|              |  |
|--------------|--|
| CONTRACT NO. |  |
|--------------|--|

2024 NY

|        |  |
|--------|--|
| CHK BY |  |
|--------|--|

ENER

ELEC ENGR

PROJ ENGR

MFG ENGR

RELIABILITY

## CONFIGURATION

APPROVAL- BY \_\_\_\_\_

1

APPROVAL

313 hNRK

PRINTED WIRING BOARD, EVAL-  
EVB-EY1602SI-ADJ

|      |         |
|------|---------|
| SIZE | DWG NO. |
| D    |         |

SCALE 2 / 1

09347

SCALE 2 / 1

SHEET 1 OF 1