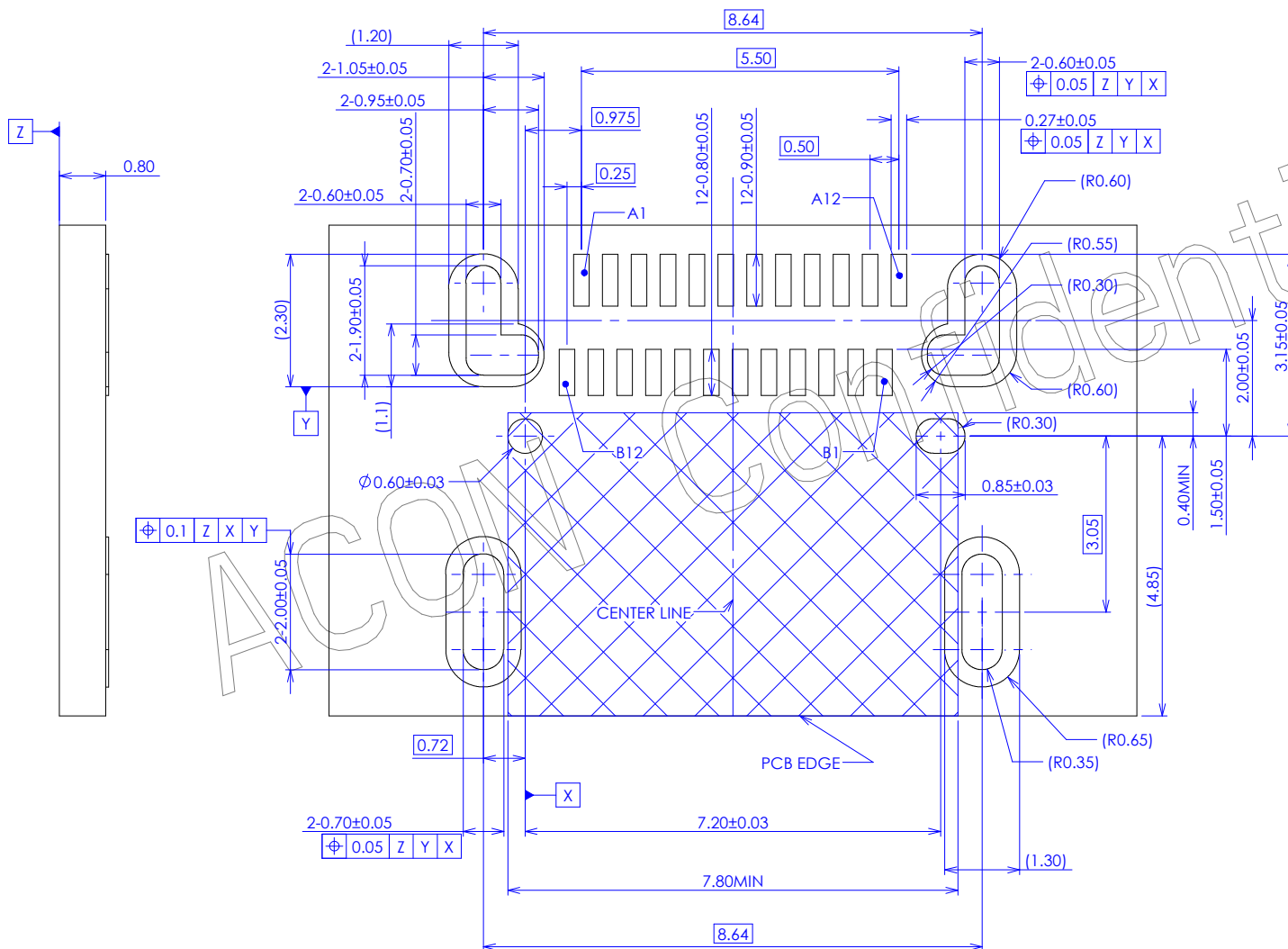






### 1.0. ELECTRICAL CHARACTERISTIC :

- 1.1. LOW LEVEL CONTACT RESISTANCE :  
INITIAL : 40 mΩ FOR ALL CONTACT MAXIMUM.  
AFTER TEST: 50mΩ MAXIMUM
- 1.2. DIELECTRIC WITHSTANDING VOLTAGE :  
100 VAC FOR ONE MINUTE SEA LEVEL.
- 1.3. INSULATION RESISTANCE :  
100 MΩ MINIMUM.
- 1.4. CURRENT RATING :  
VBUS AND GND CONTACTS RATED AT 1.25A EA.  
PARALLELED FOR A TOTAL OF 5A.
- 2.0. MECHANICAL CHARACTERISTIC :
- 2.1. INSERTION FORCE: 1~10,000CYCLES 5N~20N
- 2.2 EXTRACTION FORCE:  
INITIAL EXTRACTION FORCE 6TH CYCLES OF 8N ~ 20 N  
(1~5 INSERTION/EXTRACTION PRECONDITIONING CYCLES)  
DURABILITY 32TH EXTRACTION FORCE SHALL BE 33% OF THE INITIAL  
READING AND WITHIN THE RANGE 8 N ~ 20 N.  
(6 CYCLES ADDITIONAL 25 INSERTION/EXTRACTION CYCLES )  
AFTER DURABILITY 10,000 CYCLES OF 6N ~ 20N
- 2.3. DURABILITY : 10,000 CYCLES.
- 3.0. OPERATING TEMPERATURE: -55°C TO +85°C

|                                                                                                                                           |                             |                    |                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED<br>GENERAL X .038<br>X .025<br>.001 .013<br>X.XX .016<br>ANGLES X.X° .50°<br>X.X° .20°<br>X.X° .10° | DRAWN<br><b>WX</b>          | DATE<br>2017/03/16 |  <b>L-CON</b><br>ADVANCED-CONNECTEK INC. |
|                                                                                                                                           | DESIGN<br><b>WX</b>         | DATE<br>2017/03/16 |                                                                                                                               |
| SCALE<br><b>5:1</b>                                                                                                                       | CHECKED<br><b>Alan.Tsai</b> | DATE<br>2017/03/16 | TITLE<br><b>USB TYPE-C (GEN 2) CONN.<br/>RECEPTACLE - TOP MOUNT TYPE</b>                                                      |
| SHEET <b>2</b> OF <b>2</b>                                                                                                                | APPROVED<br><b>Roger</b>    | DATE<br>2017/03/16 | SERIES<br><b>NBR23 SERIES</b>                                                                                                 |
| UNIT<br>mm                                                                                                                                | CUSTOMER DRAWING            |                    | SIZE<br><b>A3</b>                                                                                                             |
|                                                      |                             |                    | DWG NO.<br><b>C-NBR23-00-00</b>                                                                                               |
|                                                                                                                                           |                             |                    | REV.<br><b>A</b>                                                                                                              |