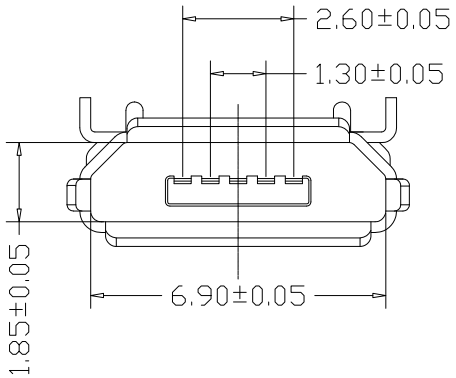
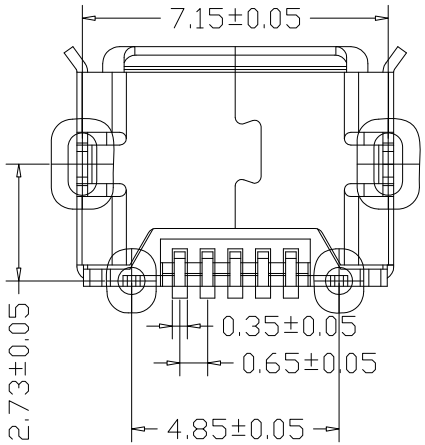
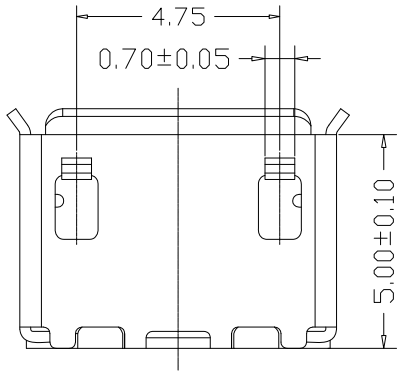
DWG. NO. CO-4954-A REV. "_"

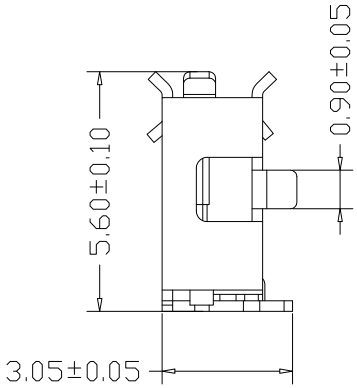
PART NO. MUSB-2005K-NL

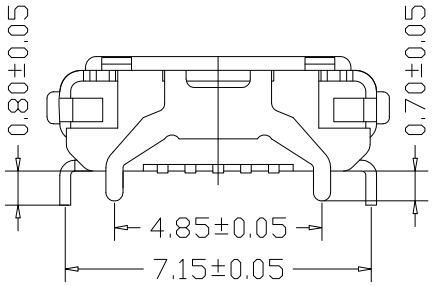


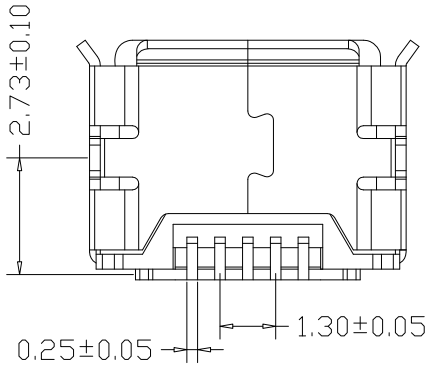




RECOMMENDED PCB LAYOUT




## SPECIFICATIONS :

### 1. ELECTRICAL :

1.1 Current Rating : 1 A MAX.

1.2 Dielectric Withstand Voltage : 100 V AC For 1min.

1.3 Contact Resistance : 50 mΩ MAX

1.4 Insulation Resistance : 100 MΩ MIN

1.5 Total Mating Force : 3.57 Kgf MAX.

1.6 Total Unmating Force : 1.0 Kgf MIN. 0.81~2.05 Kgf MIN.After 10000 insertion / extration cycles

1.7 Temperature Range : -30°C ~ +80°C

### 2. MATERIAL :

2.1 Housing : High Temperature Thermoplastics with g.f , UL94V-0

2.2 Contact : Copper Alloy, T=0.2mm

2.3 Shell : Copper Alloy, T=0.25mm

NOTE: ALL DIMS ARE IN mm.

| | | | | | |
|---|---|---|---|---|---|
| PROJECTION | RDI Research Develop Innovate<br>RDI, Inc. 333 North Bedford Road, Suite 135, Mount Kisco, NY 10549 | | | | |
| SCALE UNDEFINED | TITLE: Micro 5P USB receptacle, 90°, SMT, RoHS Compliant | | | | |
| TOLERANCE EXCEPT AS NOTED | DR. Tina | DATE 08/15/19 | REF. P/N: MUSB-2005K-NL | | SHEET 1 OF 1 |
| DEC. MILLIMETERS .X±0.10 .XX±0.25 .XXX±0.35 | CK. BM | PRE- CO | DRAWING NO. 4954 | SIZE A | REV. – |
| ANG. .X±0.5° .XX±0.3° .XXX±0.2° | THIS DOCUMENT IS OWNED BY, AND THE INFORMATION CONTAINED IN IT IS PROPRIETARY TO, RDI, BY RECEIPT HEREOF THE HOLDER AGREES NOT TO USE THE INFORMATION AND NOT TO DISCLOSE IT TO ANY THIRD PARTY, NOR REPRODUCE THIS DOCUMENT WITHOUT THE WRITTEN CONSENT OF RDI, AND AGREES TO RETURN THIS DOCUMENT FORTHWITH UPON REQUEST. | | | | |

| ECN# | DATE | SYM | REVISION RECORD | AUTH | BY |
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