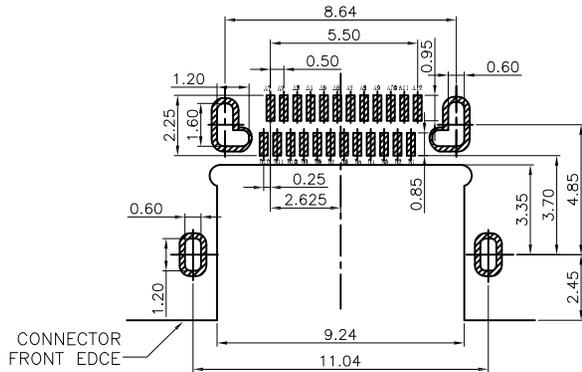
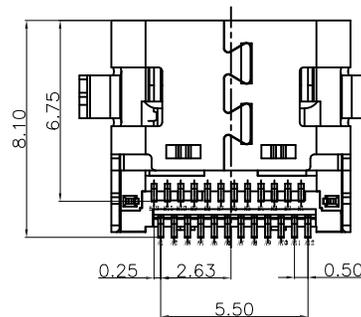
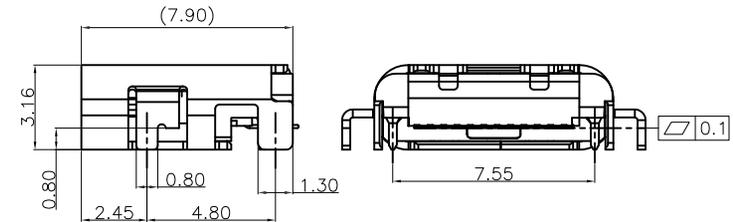
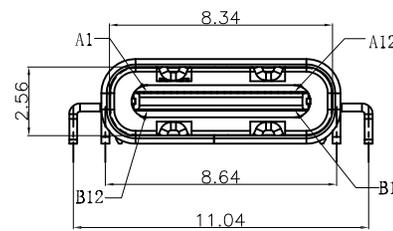
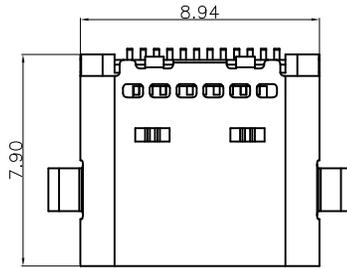


APPROVED: _____
 DATE: _____ TITLE: _____

| Rev | AWO # | Description | Date | Appr |
|-----|-------|-----------------|---------|-------|
| - | | RELEASED | 12/7/15 | |
| A | | UPDATED SPEC. | 6/16/16 | HR/MW |
| B | | UPDATED SPEC. | 7/18/16 | HR/MW |
| C | | UPDATED DRAWING | 2/18/19 | HR/RC |
| D | | UPDATED DRAWING | 4/13/20 | OW/KL |



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:
 Insulator: Hi-temp thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shell: Stainless Steel, Nickel plated
 Spring: Stainless Steel
 Plating:
 Gold flash over Nickel underplate overall
 Electrical:
 Current rating: 3 A max.
 Contact resistance: 40 mohms max.
 Dielectric withstanding voltage: 100 VDC for 1 minute
 Mechanical:
 Insertion force: 5~20 N
 Unmating force: 8~20 N (Initial)
 Durability: 10,000 cycles
 Environmental:
 Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

| | | | |
|--|-----------------------------|---|-----|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS TOLERANCES: EXCEPT AS NOTED | | | |
| MM ANGLE X. ± 0.50 X.* ± 3° .X ± 0.30 .X* ± 2° .XX ± 0.20 .XX* ± 1° .XXX ± 0.10 .XXX* ± 0.5° | | | |
| APPROVALS | | DATE | |
| DRAWN | HR | 12/7/15 | |
| CHECKED | TW | 12/7/15 | |
| APPROVED | | | |
| TITLE | | UNIVERSAL SERIAL BUS, TYPE C, FEMALE, SMT TYPE, EDGE HANG, BLACK INSULATOR | |
| SIZE | PART NO. | REV. | |
| X | USB-C31-S-RA-EH2-SMT-BK-T/R | D | |
| REF: | S00097C | SCALE: | NTS |
| | | SHEET 1 OF 1 | |