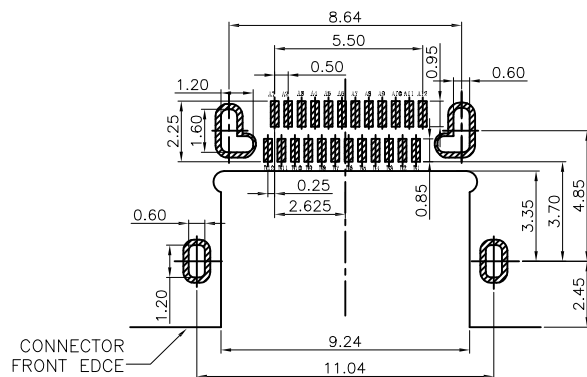


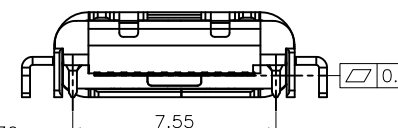
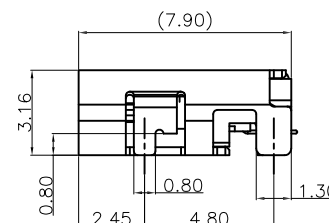
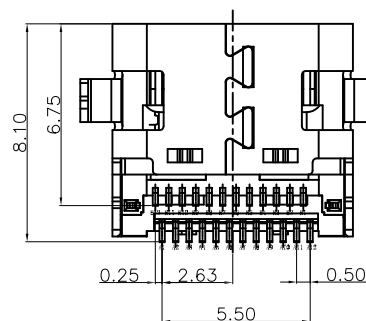
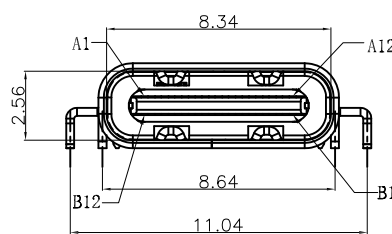
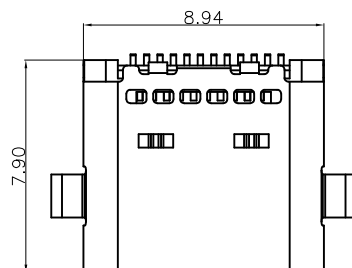
APPROVED: _____

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				ADAM TECH INTERCONNECTS 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710	
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	

ADAM
TECH
INTERCONNECTS

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710