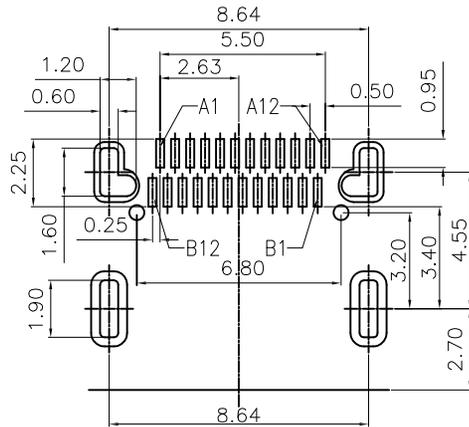
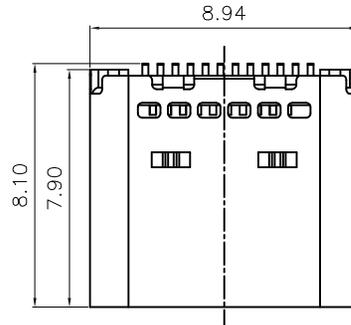
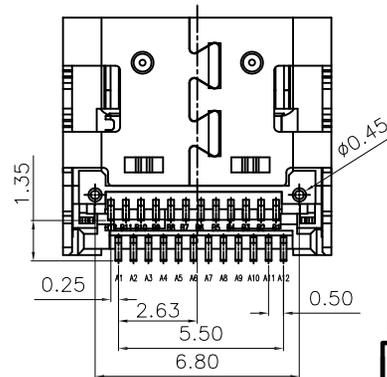
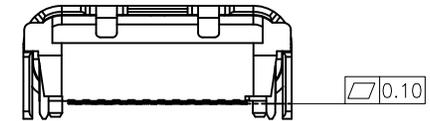
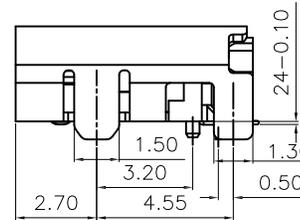
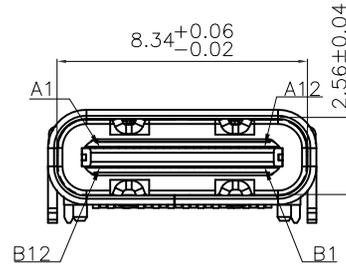


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		PRELIMINARY	12/7/15	
A		UPDATED SPEC.	7/29/16	HR/AT
B		ADDED DRAWING	4/19/17	AY/CH
C		UPDATED SHAPE	12/15/17	AY/MY
D		UPDATE DRAWING	8/26/19	LH/DH
E		UPDATE SPEC.	12/30/19	AY/LW



RECOMMENDED PCB LAYOUT



A1	GND	B12	GND
A2	SSTXP1	B11	SSRXP1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXP2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

SPECIFICATIONS:

Material:
 Insulator: Hi-temp thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shell: Stainless Steel, Nickel plated
 Plating:
 Gold flash over Nickel underplate overall
Electrical:
 Current rating: 3 A max
 Contact resistance: 40 mohms max
 Insulation resistance: 90±15% Mohms
 Dielectric withstanding voltage: 100 VAC For 1 Minute
Mechanical:
 Insertion force: 5~20 N
 Unmating force: 8~20 N
 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, BLACK INSULATOR

SIZE	PART NO.	REV.
X	USB-C31-S-RA-SMT-BK-T/R	E
REF: S00097C	SCALE: NTS	SHEET 1 OF 1