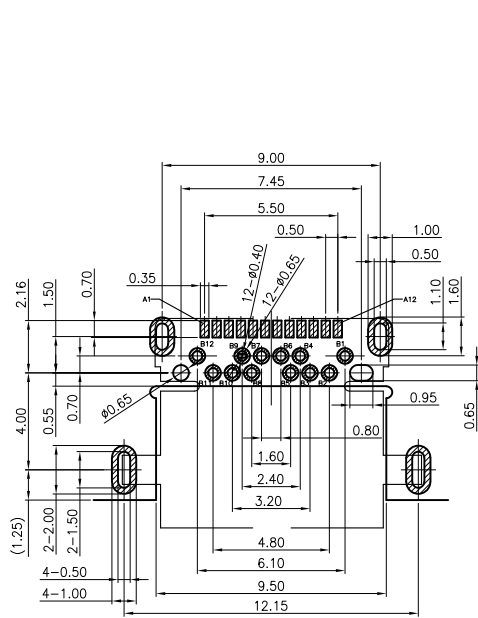


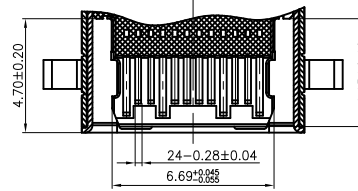
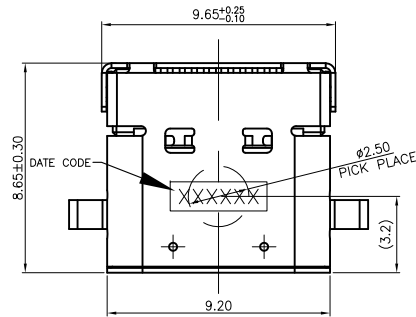
APPROVED: _____

DATE: _____ TITLE: _____

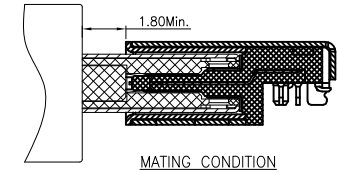
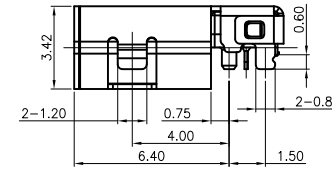
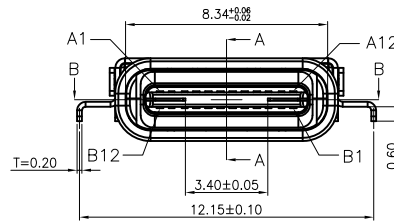
Rev	AWO #	Description	Date	Appr
-		RELEASED	8/2/18	
A		UPDATE DRAWING	8/26/20	AY/RC



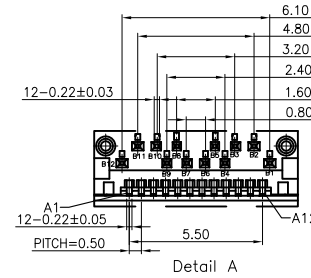
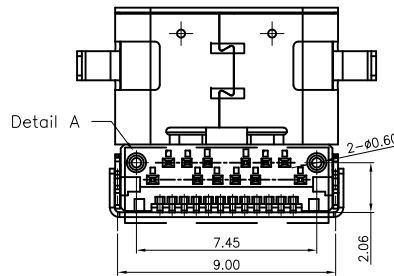
RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05
KEEP OUT AREA



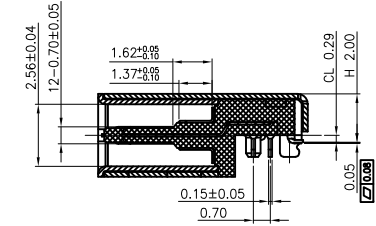
SECTION B-B



MATING CONDITION



Detail A



SECTION A-A

SPECIFICATIONS:
Material:
Insulator: Hi-temp thermoplastic, rated UL 94V-0
Insulator color: Black
Contacts: Copper Alloy
Shell: Stainless Steel, Nickel plated
Cover Shell: Stainless Steel, Nickel plated
Inner Ground Cover Shell: Stainless Steel, Clean
Mid plate: Stainless Steel, Clean
Plating:
Gold flash over Nickel underplate on Contact area
Matte Tin over Nickel underplate on Solder tails
Electrical:

Current rating: 5A for Collectively Power Supply Pin (A1,A4,A9,A12,B1,B4,B9,B12)
1.25A for Vconn Pin
0.25A for other Signal Pin.

Contact resistance: 40 mohms max. (Initial)
10 mohms max. (After test) @ 20 mV, 100 mA

Insulation resistance: 100 Mohms min.
Dielectric withstanding: 100 VAC RMS

Mechanical:
Insertion force: 5~20 N
Withdrawal force: 8~20N Initial test; 6~20N Durability After Test
Durability: 10,000 Cycles
Temperature Rating:
Operating temperature: -40°C to +85°C

Environmental:
Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MILLIMETERS
TOLERANCES: EXCEPT AS NOTED

MM	ANGEL
X. ± 0.50	± 2°
X.X ± 0.30	
X.XX ± 0.20	
X.XXX ± 0.10	

APPROVALS		DATE
DRAWN	HR	8/2/18
CHECKED	LW	8/2/18
APPROVED		

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

TITLE UNIVERSAL SERIAL BUS, TYPE C, FEMALE, DIP TYPE, EDGE HANG		
SIZE X	PART NO. USB-C31-S-RA-EH2.0B-BK-T/R	REV. A
REF: S00197C	SCALE: NTS	SHEET 1 OF 1