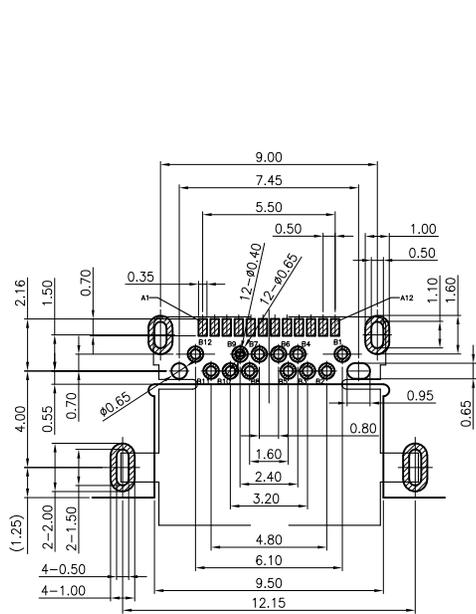
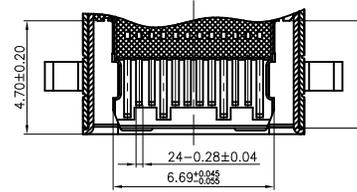
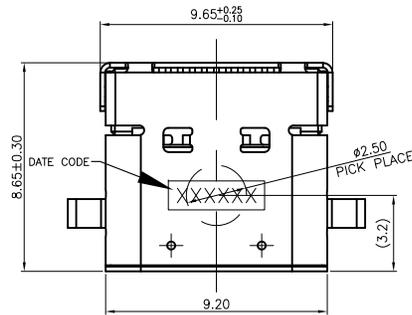


APPROVED: _____
 DATE: _____ TITLE: _____

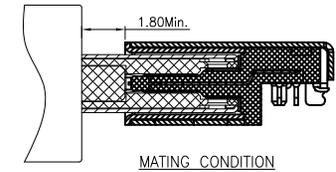
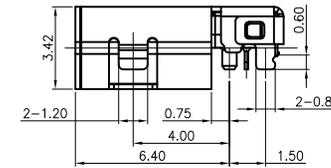
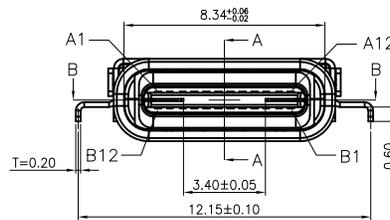
Rev	AWO #	Description	Date	Appr
-		RELEASED	8/2/18	
A		UPDATE DRAWING	8/26/20	AY/RC



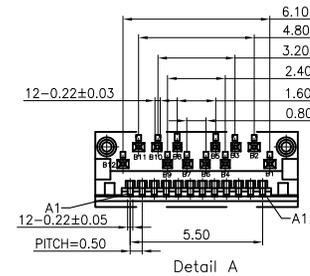
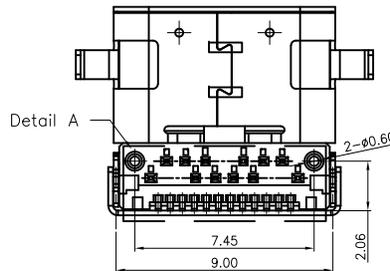
RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
 TOLERANCE FOR PCB LAYOUT IS ± 0.05
 KEEP OUT AREA



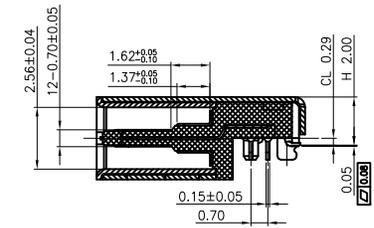
SECTION B-B



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 ANGLE X. ± 0.50 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			
TITLE		UNIVERSAL SERIAL BUS, TYPE C, FEMALE, DIP TYPE, EDGE HANG	
SIZE	PART NO.	REV.	
X	USB-C31-S-RA-EH2.0B-BK-T/R	A	
REF:	S00197C	SCALE:	NTS
		SHEET 1 OF 1	