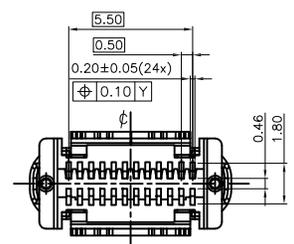
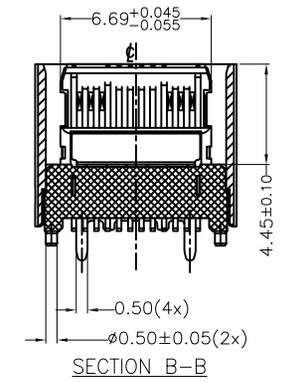
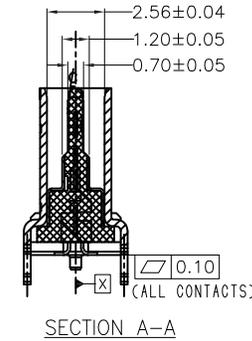
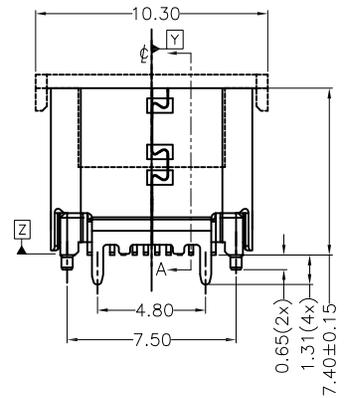
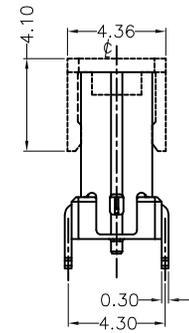
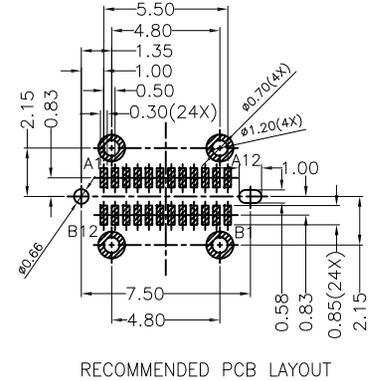
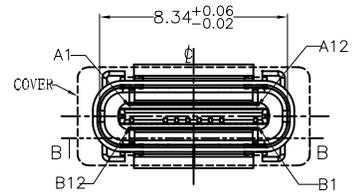


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/25/19	



SPECIFICATIONS:
 Material:
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black
 Contacts: Copper Alloy
 Outer Shell: Stainless Steel, Nickel plated
 Ground Shield: Stainless Steel, Nickel plated
 Mid Plate: Stainless Steel, Nickel plated
 Plating:
 Gold flash over Nickel underplate on contact area
 Matte Tin over Nickel underplate on solder tails
 Electrical:
 Current rating: 5A
 Contact resistance: 40 mohms max (Initial)
 10 mohms max (After test)
 Insulation resistance: 100 Mohms min
 Dielectric withstanding voltage: 100 VAC R.M.S
 Mechanical:
 Mating force: 5~20 N
 Unmated force: 8~20 N (Initial)
 6~20 N (After test)
 Durability: 10,000 Cycles
 Temperature Rating:
 Operating temperature: -40°C to +85°C
 Environmental:
 Lead free, RoHS compliant.



A12	GND	B1	GND
A11	SSRXp2	B2	SSTXp2
A10	SSRXn2	B3	SSTXn2
A9	VBUS	B4	VBUS
A8	SBU1	B5	CC2
A7	Dn1	B6	Dp2
A6	Dp1	B7	Dn2
A5	CC1	B8	SBU2
A4	VBUS	B9	VBUS
A3	SSTXn1	B10	SSRXn1
A2	SSTXp1	B11	SSRXp1
A1	GND	B12	GND
Pin NO.	Signal name	Pin NO.	Signal name

PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS TOLERANCES: EXCEPT AS NOTED			
MM		ANGLE	
X.	± 0.38	X.	± 4°
.X	± 0.25	.X	± 2°
.XX	± 0.20		
.XXX	± 0.10		
APPROVALS		DATE	
DRAWN	OW	6/25/19	
CHECKED	LW	6/25/19	
APPROVED			

TITLE: UNIVERSAL SERIAL BUS, TYPE C 3.1, FEMALE, VERTICAL, BLACK INSULATOR, SHORT SHIELD

SIZE	PART NO.	REV.
X	USB-C31-S-VT-CS5-BK-SS-PP-T/R	-

REF: S00005C SCALE: NTS SHEET 1 OF 1