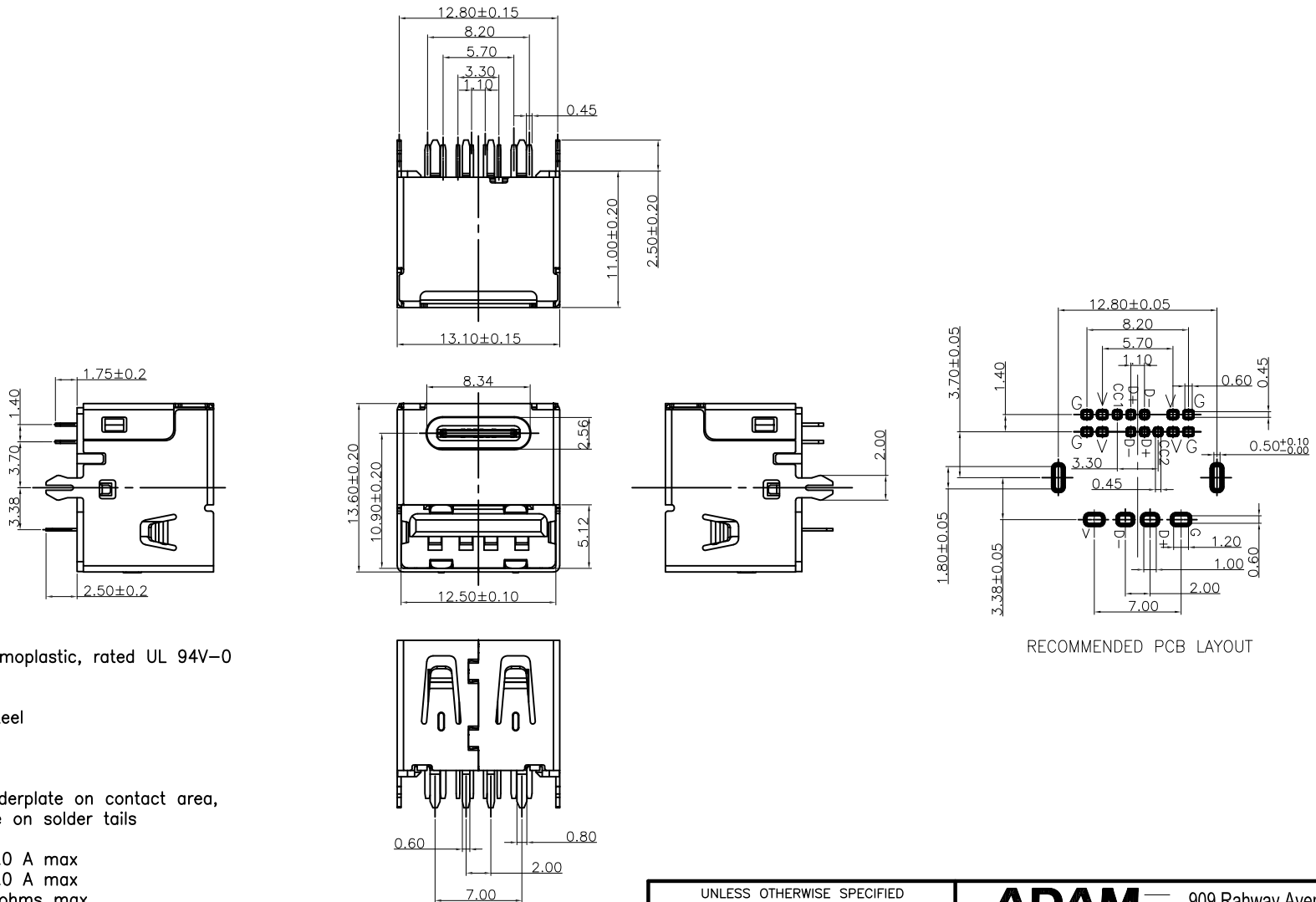


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/14/19	
A		UPDATE SPEC.	5/18/20	LH/KC



SPECIFICATIONS:

Material:
 Insulator: High Temp Thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Center Piece: Stainless Steel
 Shell: Steel, Nickel plated
 Clip: Nickel Plated
 Plating:
 Gold flash over Nickel underplate on contact area,
 Tin over Nickel underplate on solder tails
 Electrical:
 Rated current: Type-C: 8.0 A max
 USB2.0: 5.0 A max
 Contact resistance: 40 mohms max.
 Insulation resistance: 100 Mohms
 Dielectric withstanding voltage: 100 VAC
 Mechanical:
 Mating Force: Type-C: 5N~20N
 USB 2.0: 35N max
 Durability: Type-C: 10,000 Cycles
 USB 2.0: 3,000 Cycles
 Temperature Rating:
 Operating temperature: -30°C to +85°C
 Environmental:
 Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE INCHES [MM]
 TOLERANCES: EXCEPT AS NOTED

	MM	ANGLE
X.	± 0.50	± 1'
.X	± 0.25	
.XX	± 0.15	
.XXX	± 0.10	

APPROVALS		DATE
DRAWN	LH	11/14/19
CHECKED	TW	11/14/19
APPROVED		

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 Union, NJ 07083
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TITLE			
UNIVERSAL SERIAL BUS, DUAL PORT, VERTICAL, C31 TYPE OVER A 2.0, PCB, TERMINALS			
SIZE	PART NO.	REV.	
X	USB-C31/A-D-VT-CS1	A	
REF:	S00288T	SCALE: NTS	SHEET 1 OF 1