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APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/14/19	

Technical drawings showing front, side, and top views of the connector with dimensions in inches. Dimensions include: 12.80±0.15, 8.20, 5.70, 3.30, 1.10, 0.45, 11.00±0.20, 2.50±0.20, 13.10±0.15, 8.34, 2.56, 13.60±0.20, 10.90±0.20, 5.12, 12.50±0.10, 3.38, 3.70, 1.40, 1.80±0.05, 3.38±0.05, 3.70±0.05, 1.40, 12.80±0.05, 8.20, 5.70, 1.10, 0.60, 0.45, 0.50±0.10, 0.00, 3.30, 0.45, 1.20, 1.00, 2.00, 7.00, 0.60, 0.80, 2.00, 7.00.

RECOMMENDED PCB LAYOUT

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
 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

30~	± 0.50	ANGLE	± 2°
10~30	± 0.30		
~10	± 0.15		

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

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TITLE: UNIVERSAL SERIAL BUS, DUAL PORT, VERTICAL, C31 TYPE OVER A 2.0, PCB, TERMINALS

SIZE X	PART NO. USB-C31/A-D-VT-CS1	REV. -
REF: S00288T	SCALE: NTS	SHEET 1 OF 1

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