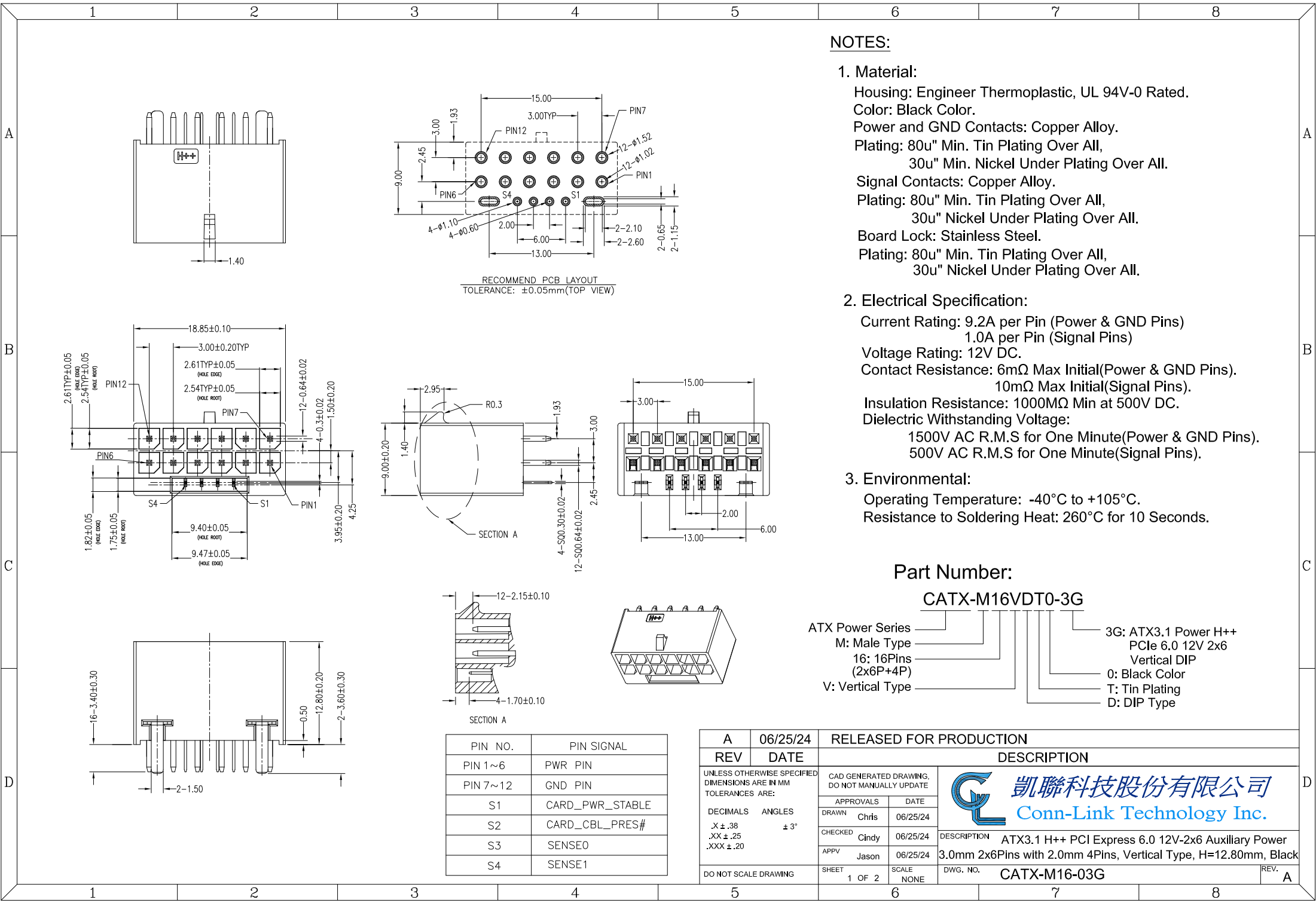




NOTES:

1. Material:

Housing: Engineer Thermoplastic, UL 94V-0 Rated.
Color: Black Color.
Power and GND Contacts: Copper Alloy.
Plating: 80u" Min. Tin Plating Over All,
30u" Min. Nickel Under Plating Over All.
Signal Contacts: Copper Alloy.
Plating: 80u" Min. Tin Plating Over All,
30u" Nickel Under Plating Over All.
Board Lock: Stainless Steel.
Plating: 80u" Min. Tin Plating Over All,
30u" Nickel Under Plating Over All.

2. Electrical Specification:

Current Rating: 9.2A per Pin (Power & GND Pins)
1.0A per Pin (Signal Pins)
Voltage Rating: 12V DC.
Contact Resistance: 6m Ω Max Initial(Power & GND Pins).
10m Ω Max Initial(Signal Pins).
Insulation Resistance: 1000M Ω Min at 500V DC.
Dielectric Withstanding Voltage:
1500V AC R.M.S for One Minute(Power & GND Pins).
500V AC R.M.S for One Minute(Signal Pins).

3. Environmental:

Operating Temperature: -40°C to +105°C.
Resistance to Soldering Heat: 260°C for 10 Seconds.

Part Number:

CATX-M16VDT0-3G

ATX Power Series
M: Male Type
16: 16Pins
(2x6P+4P)
V: Vertical Type
3G: ATX3.1 Power H++
PCIe 6.0 12V 2x6
Vertical DIP
0: Black Color
T: Tin Plating
D: DIP Type

A		06/25/24	RELEASED FOR PRODUCTION				
REV		DATE		DESCRIPTION			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		凱聯科技股份有限公司 Conn-Link Technology Inc.			
		APPROVALS					DATE
		DRAWN	Chris				06/25/24
		CHECKED	Cindy				06/25/24
		APPV	Jason				06/25/24
DECIMALS	ANGLES			DESCRIPTION			
.X ± .38				ATX3.1 H++ PCI Express 6.0 12V-2x6 Auxiliary Power			
.XX ± .25	± 3°			3.0mm 2x6Pins with 2.0mm 4Pins, Vertical Type, H=12.80mm, Black			
.XXX ± .20							
DO NOT SCALE DRAWING		SHEET	1 OF 2	SCALE	NONE	DWG. NO.	
						CATX-M16-03G	
						REV. A	

